Yahoo Group Archive: gmsk_dv_node (2013 — 2018)

Yahoo Group summary: D-STAR GMSK Simplex Nodes and Repeaters

These Yahoo Groups messages were archived in WARC format by ArchiveTeam in 2018. This PDF was generated by Digital Library of Amateur Radio & Communications from the WARC files in 2026.

Date span: 2013-01-01 through 2018-04-18

Source WARC: gmsk_dv_node.n1uItP6.warc.gz

Source item: https://archive.org/details/yahoo-groups-2018-07-07T08-18-43Z-614a9a

Messages included in this PDF: 2531

Messages omitted as spam from this PDF: 27

Yahoo replaced the domain portions of email addresses with @... in the archived messages. Characters lost in Yahoo's archived text appear as ?.

Messages are presented in ascending Yahoo message-ID order. Gaps indicate records absent from the source WARC or messages omitted from this PDF as spam.

9724. Re: RE: [gmsk_dv_node] Which "libusb0.dll" with dv_node ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-01 00:24:24 UTC
From: Matthew Pitts
Topic: 9712 Message: 9724

Fred,

Freestar is using Scott KI4LKF's software.

Matthew Pitts
N8OHU

9725. Motorola GM300 and Moen Board Success

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-01 13:13:35 UTC
From: n1toq@arrl.net
Topic: 9725 Message: 9725

Good Morning! Thanks to everyone for your support. I purchased another cable and started from scratch. Soldered all connections and rechecked prior to connection. Checked off the TX invert box in the set up menu and it works like a charm! The only thing left to do is to install a fan to cool the radio but currently using a small desk fan. Unlike the Kenwood D700, the ID 31 works flawlessly with this set up. Happy New Year!

9726. Motorola GM300 & ID-31A

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-01 19:01:47 UTC
From: J. M. Moen
Topic: 9726 Message: 9726

Barry,

Congratulations on getting your GM300 configured so it will work with the 31A.

I've been working here on a similar project. A friend built a "repeater in a box" using two MaxTracs, a GMSK Node Adapter, small PC board and versatile power supply. It originally worked with older D-Star radios, until he got an IC-31A. He just couldn't get that to work, no matter how carefully he adjusted the TX trimpot to find the perfect deviation expected by the 31.

The MaxTrac is similar to the GM300. In checking things out, the first thing I discovered was that my own repeater cable for Motorola 16 pin connectors seemed to work sometimes with the 31A, but not consistently, whereas my friend's cable didn't work at all. So like you, I built a new cable from scratch, and now I was close. I'm still not clear on what was going on with the old cable, since the setup had worked with older D-Star radios. Given the time, I will probably not go back and figure out what was going on, but it is curious.

Next, I discovered his transmitter was slightly off frequency. This did not matter at all to my older 91AD, but it sure did to the 31A. I first took the thing apart and cleaned the pins connecting the two boards. I'm told by Motorola experts this is the first step for older MaxTracs and similar radios when there's a frequency issue. That helped, but it still wasn't consistent with the 31A.

Next, I was able to tweak the frequency with the RSS software's reference oscillator's Warp setting. That improved things a lot.

Lastly, I did final adjustments to the board's TX trimpot and was able to get the repeater to work consistently with the 31A.

So for others with Motorola radios and 31A issues, they are solvable. If you have a problem, start by checking the cable. For simplex, I document how to build one at http://www.k6jm.com/hs-setupcbl.htm . It helps a lot if you buy the already soldered 16 pin connector, as that web page suggests.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of n1toq@...
Sent: Tuesday, January 01, 2013 5:14 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Motorola GM300 and Moen Board Success
Good Morning! Thanks to everyone for your support. I purchased another cable

and started from scratch. Soldered all connections and rechecked prior to connection. Checked off the TX invert box in the set up menu and it works like a charm! The only thing left to do is to install a fan to cool the radio but currently using a small desk fan. Unlike the Kenwood D700, the ID 31 works flawlessly with this set up. Happy New Year!

9727. Re: [gmsk_dv_node] Which "libusb0.dll" with dv_node ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-01 20:20:42 UTC
From: Ian Wilson
Topic: 9712 Message: 9727

Hello Fred,

Free*Star is a version of Scott's software.

I run it here with two of your boards and everything has been 100% for me..

73,

Ian..

From: Fred PA4YBR <fred@...>
To: gmsk_dv_node@yahoogroups.com
Sent: Monday, 31 December 2012, 13:17
Subject: RE: [gmsk_dv_node] Which "libusb0.dll" with dv_node ?

What software is FreeStar using?

--fred

From: gmsk_dv_node@yahoogroups.com
[mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Ian
Wilson
Sent: Monday, December 31, 2012 2:12 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Which
"libusb0.dll" with dv_node ?

Hello
Fabrice,

I have used FreeStar for some time now and found it to be 100%
reliable with help second to none from Ramesh.

Website
VA3UV.com

73,

Ian..

From: f5hcc
<f5hcc@...>
To: gmsk_dv_node@yahoogroups.com
Sent: Monday, 31 December 2012,
8:53

Subject: [gmsk_dv_node]
Which "libusb0.dll" with dv_node ?

Hello,
I'm running F5ZFY_B repeater with "WinDV" and I'd like to use an
other software for the job.
I tried the "software suite"
rptr/g2_link/g2_ircddb under Windows (XP or 7) and it seems that I don't use the
right "libusb0.dll", because I got a RF time-out after 1 second with
rptr.
When I try to key-up a D-Star transmitter on the repeater frequency, I
can see in the log that there is a RF time-out.
So the repeater is not
functionning properly...
Can someone tell me which "libusb0.dll" file I
should use, and where it should be located in Windows (same directory as rptr,
/windows/System32, both, ...) ?
Thank you for your help !
73 from Fabrice,
F5HCC.

9728. Re: [gmsk_dv_node] Which "libusb0.dll" with dv_node ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-01 20:29:26 UTC
From: petem001@gmail.com
Topic: 9712 Message: 9728

Ian a better description would be a TESTED version of Scott’s software, Ramesh would not release anything if it did not pass his stability and compatibility test.

Happy New Year to all.

From: Ian Wilson
Sent: Tuesday, January 01, 2013 3:20 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Which "libusb0.dll" with dv_node ?

Hello Fred,

Free*Star is a version of Scott's software.

I run it here with two of your boards and everything has been 100% for me..

73,

Ian..

From: Fred PA4YBR <fred@...>
To: gmsk_dv_node@yahoogroups.com
Sent: Monday, 31 December 2012, 13:17
Subject: RE: [gmsk_dv_node] Which "libusb0.dll" with dv_node ?

What software is FreeStar using?

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Ian Wilson
Sent: Monday, December 31, 2012 2:12 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Which "libusb0.dll" with dv_node ?

Hello Fabrice,

I have used FreeStar for some time now and found it to be 100% reliable with help second to none from Ramesh.

Website VA3UV.com

73,

Ian..

From: f5hcc <f5hcc@...>
To: gmsk_dv_node@yahoogroups.com
Sent: Monday, 31 December 2012, 8:53
Subject: [gmsk_dv_node] Which "libusb0.dll" with dv_node ?

Hello,
I'm running F5ZFY_B repeater with "WinDV" and I'd like to use an other software for the job.
I tried the "software suite" rptr/g2_link/g2_ircddb under Windows (XP or 7) and it seems that I don't use the right "libusb0.dll", because I got a RF time-out after 1 second with rptr.
When I try to key-up a D-Star transmitter on the repeater frequency, I can see in the log that there is a RF time-out.
So the repeater is not functionning properly...
Can someone tell me which "libusb0.dll" file I should use, and where it should be located in Windows (same directory as rptr, /windows/System32, both, ...) ?
Thank you for your help !
73 from Fabrice, F5HCC.

9729. Re: Which "libusb0.dll" with dv_node ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-02 08:21:59 UTC
From: f5hcc
Topic: 9712 Message: 9729

Hi Fred.
Well, the new firmware didn't change a lot...
Now, the DV-Node is recognized by rptr, but there is a big problem.
When frames are received on the RF port of the repeater(when I key-up my ID-31 for instance), only the first 3 or 4 seconds are processed (re-transmitted locally, as it's a full-duplex repeater, and sent to the XRF reflector linked through g2_link and g2_ircddb), then the frames are discarded... This doesn't happen when voice frames are received through the network connection (from Ircddb network or from the XRF reflector).
I seems that there is a configuration problem in the DV-Node or in rptr. Or maybe, the firmware is not fully compatible with rptr...
Is it possible to try with a new release of firmware, or to know which configuration should be used (COS checked or not, RSSI checked or not, COS enabled in rptr,...) ?
I'd like also to know about D-Star repeaters running well with rptr/g2_link/g2_ircddb with connection to XRF reflectors.
Thank you for your help.
73 from Fabrice, F5HCC.

--- In gmsk_dv_node@yahoogroups.com, "f5hcc" <f5hcc@...> wrote:
>
> OK Fred, thank you for the help !
> I'll let the group know if it works with the new release of firmware.
> 73.
> Fabrice, F5HCC.
>
>
> --- In gmsk_dv_node@yahoogroups.com, "Fred PA4YBR" <fred@> wrote:
> >
> > Yes.
> >
> > That file should actually read "HSA v0.1.30-07 or newer", as the
> > one mentioned is not available. I'll send you the updated code
> > for testing.
> >
> > --fred
> >
> > _____
> >
>

9730. Re: Which "libusb0.dll" with dv_node ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-02 08:25:56 UTC
From: f5hcc
Topic: 9712 Message: 9730

Hi Ian,
Which release of firmware is running on your boards ?
Can you tell me the configuration of the boards (COS, RSSI, etc...) and the settings in rptr (COS, PTT, etc...) ?
73 from Fabrice, F5HCC.

--- In gmsk_dv_node@yahoogroups.com, Ian Wilson <jedscoot@...> wrote:
>
> Hello Fred,
>
> Free*Star is a version of Scott's software.
>
> I run it here with two of your boards and everything has been 100% for me..
>
> 73,
>
> Ian..
>

9731. Message

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-02 20:35:19 UTC
From: randall mcdonald
Topic: 8991 Message: 9731

Please take me off your mailing list as I do not use dstar
thankyou

9732. Re: MoenComm Star*Board and XRF reflectors (WinDV issue?)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-02 11:58:15 UTC
From: wd8ocs
Topic: 9152 Message: 9732

We have received reports of the exact same symptoms from a number of our users. It appears that WinDV 1.5.2 works fine with X-Reflectors, but 1.5.5, when installed on the same machine with the same parameters, exhibits the same symptoms described below (no audio from the X-Reflector). Hardware (DVAP, Node Adapter, etc.) does not seem to matter.

Has anyone found a fix? If not, Fred - are you still looking for a bugreport? If so, what level should be selected in the logging drop-down? I should be able to get someone to send one if needed.

Tnx & 73,

Chris

--- In gmsk_dv_node@yahoogroups.com, "Fred PA4YBR" <fred@...> wrote:
>
> I was unable to reproduce that problem, so would need a
> program-generated bugreport (with logging enabled) from
> someone who actually has that problem...
>
> --fred
>
> _____
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of rw24
> Sent: Saturday, December 01, 2012 8:06 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Re: MoenComm Star*Board and XRF reflectors
>
>
>
>
> Fred, Michael,
>
> Did this issue get resolved?
>
> I have a friend who seems to have this same issue with the latest version of
> WinDV.
>
> Suffix is being used, ports are forwarded. Everything else seems right to
> me, but he is not hearing any audio from XRF reflectors.
>
> Any help would be appreciated.
>
> Mark,
> VE6BHO

>
> --- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
> , "VK5ZEA" <michaelcarey@> wrote:
> >
> > Will do...
> > >
> > >
> > > --- In gmsk_dv_node@yahoogroups.com
> <mailto:gmsk_dv_node%40yahoogroups.com> , "Fred PA4YBR" <fred@> wrote:
> > > >
> > > > Connect to that reflector, and send a bugreport (with logging enabled)
> so we
> > > > can get some more info... it does seem to work fine here, so I'm kinda
> > > > stumped.
> > > >
> > > > --f
> > > >
> > > > _____
> > > >
> > > > From: gmsk_dv_node@yahoogroups.com
> <mailto:gmsk_dv_node%40yahoogroups.com>
> [mailto:gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
>] On
> > > > Behalf Of VK5ZEA
> > > > Sent: Tuesday, July 10, 2012 11:24 PM
> > > > To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
> >
> > > > Subject: [gmsk_dv_node] Re: MoenComm Star*Board and XRF reflectors
> > > >
> > > >
> > > >
> > > >
> > > > Hi Fred (and other),
> > > >
> > > > Even with the letter suffix in the callsign, I cannot "hear" any traffic
> > > > from an XRF reflector using WinDV. Transmit to the reflector is fine,
> the
> > > > Green RX "LED" lights up to indicate that a DV stream is coming in, but
> > > > nothing is transmitted from the HotSpot/DVAP.
> > > >
> > > > I only persist with Dextra because of the CanNet being held on XRF021 B
> on
> > > > Friday night. The splintered development of the Dextra system seems to
> have
> > > > been it's downfall. One of ever present dangers with open source
> software is
> > > > that different groups often take the code in different directions.
> > > >
> > > > Michael.
> > > > VK5ZEA

> > >
> > > --- In gmsk_dv_node@yahoogroups.com
> <mailto:gmsk_dv_node%40yahoogroups.com>
> <mailto:gmsk_dv_node%40yahoogroups.com>
> > > , "Fred PA4YBR" <fred@> wrote:
> > > >
> > > > The solution is easy.
> > > >
> > > > ALWAYS use a valid band module for the node's callsign (A/B/C or D),
> and
> > > > optionally
> > > > use another module when using DPLus using the "authcall" field.
> > > >
> > > > Torsten recently stated that any station trying to connect to DCS
> without
> > > > such a valid
> > > > module, will get blocked for 12 hrs.
> > > >
> > > > I just helped the previous poster with the above, and when he had a
> valid
> > > > band module
> > > > added to his node's callsign, all was fine.
> > > >
> > > > And, no, WinDV currently does not do inbound connections, so no UDP
> port
> > > > forwards
> > > > are needed.
> > > >
> > > > --f
> > > >
> > > >
> > > > _____
> > > >
> > > > From: gmsk_dv_node@yahoogroups.com
> <mailto:gmsk_dv_node%40yahoogroups.com>
> <mailto:gmsk_dv_node%40yahoogroups.com>
> > > [mailto:gmsk_dv_node@yahoogroups.com
> <mailto:gmsk_dv_node%40yahoogroups.com>
> <mailto:gmsk_dv_node%40yahoogroups.com>
> > >] On
> > > > Behalf Of VK5ZEA
> > > > Sent: Monday, July 09, 2012 11:42 PM
> > > > To: gmsk_dv_node@yahoogroups.com
> <mailto:gmsk_dv_node%40yahoogroups.com>
> <mailto:gmsk_dv_node%40yahoogroups.com>
> > > > Subject: [gmsk_dv_node] Re: MoenComm Star*Board and XRF reflectors
> > > >
> > > >
> > > >
> > > >

> > > > Hi Everybody,
> > > >
> > > > I too have this symptom with the current version of WinDV.
> > > >
> > > > I also had this in a previous version last year(can't remember which
> one)
> > > > and back then a fix was to ensure there was a letter suffix in the
> > > software
> > > > callsign (not the Authcall). If the suffix was blank, WinDV would
> indicate
> > > > that an incoming call was being "received" from the internet (the
> green RX
> > > > "LED" would light up) but nothing would come out of the attached RF
> > > > hardware. Put in a suffix A, B, C or L and it would be fine.
> > > >
> > > > This fix does not appear to work with the latest version 1.5.3.
> > > >
> > > > You should not need to forward ports to the PC running the software
> unless
> > > > you want to set it up to accept outside connections... can WinDV do
> this
> > > > Fred?
> > > >
> > > > If you initiate a connection from the PC running WinDV to the outside
> > > world,
> > > > your router should allow related TCP/UDP traffic back through.
> (exactly
> > > how
> > > > a web browser works with a NAT router)
> > > >
> > > > As far as this Dextra problem goes... I'm not sure, I'm going to play
> > > around
> > > > a bit.
> > > >
> > > > Michael.
> > > > VK5ZEA
> > > >
> > > > --- In gmsk_dv_node@yahoogroups.com
> <mailto:gmsk_dv_node%40yahoogroups.com>
> > > <mailto:gmsk_dv_node%40yahoogroups.com>
> > > <mailto:gmsk_dv_node%40yahoogroups.com>
> > > > , "ve3tyg@" <ve3tyg@> wrote:
> > > > >
> > > > > I recently put a node adapter on the air, using the same WinDV
> software
> > > > that I used for my DVAP, just changing the software to use the node
> > > adapter.
> > > > >
> > > > > When I connect to a XRF, those connected to the XRF can hear me, but
> > > none

> > > > of the audio comes back to me when I'm using the node adapter.
> > > > >
> > > > > When I use the DVAP, everything works great.
> > > > >
> > > > > When I connect to non-XRF (ie, REF001C), everything works great.
> Only
> > > the
> > > > XRF reflectors pose the issue, so I assume it's something related to
> the
> > > > protocol used for XRF.
> > > > >
> > > > > I have forwarded ports 20001 and 30001 to the PC which hosts the
> node
> > > > adapter.
> > > > >
> > > > > Can anyone shed some light as to why it works with the DVAP but not
> the
> > > > node adapter?
> > > > >
> > > > > Thanks in advance,
> > > > > Jason VE3TYG
> > > > >
> > > >
> > >
> >
>

9733. RE: [gmsk_dv_node] Re: MoenComm Star*Board and XRF reflectors (WinDV issue?)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-02 12:02:46 UTC
From: Fred PA4YBR
Topic: 9152 Message: 9733

CHris,

I received a very detailed description and bugreport from Michael ZEA,
which will help me fix the issue, probably before 1.5.6 is finalized.

Fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of wd8ocs
Sent: Wednesday, January 02, 2013 12:58 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: MoenComm Star*Board and XRF reflectors (WinDV
issue?)

We have received reports of the exact same symptoms from a number of our
users. It appears that WinDV 1.5.2 works fine with X-Reflectors, but 1.5.5,
when installed on the same machine with the same parameters, exhibits the
same symptoms described below (no audio from the X-Reflector). Hardware
(DVAP, Node Adapter, etc.) does not seem to matter.

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bugreport? If so, what level should be selected in the logging drop-down? I
should be able to get someone to send one if needed.

Tnx & 73,

Chris

--- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
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[mailto:gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
] On
> Behalf Of rw24
> Sent: Saturday, December 01, 2012 8:06 AM

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> Suffix is being used, ports are forwarded. Everything else seems right to
> me, but he is not hearing any audio from XRF reflectors.
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> Any help would be appreciated.
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> VE6BHO
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<mailto:gmsk_dv_node%40yahoogroups.com>
<mailto:gmsk_dv_node%40yahoogroups.com>
> , "VK5ZEA" <michaelcarey@> wrote:
> >
> > Will do...
> >
> >
> > --- In gmsk_dv_node@yahoogroups.com
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> <mailto:gmsk_dv_node%40yahoogroups.com> , "Fred PA4YBR" <fred@> wrote:
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> > > Connect to that reflector, and send a bugreport (with logging enabled)
> so we
> > > can get some more info... it does seem to work fine here, so I'm kinda
> > > stumped.
> > >
> > > --f
> > >
> > > _____
> > >
> > > From: gmsk_dv_node@yahoogroups.com
<mailto:gmsk_dv_node%40yahoogroups.com>
> <mailto:gmsk_dv_node%40yahoogroups.com>
> [mailto:gmsk_dv_node@yahoogroups.com
<mailto:gmsk_dv_node%40yahoogroups.com>
<mailto:gmsk_dv_node%40yahoogroups.com>
>] On

> > > Behalf Of VK5ZEA
> > > Sent: Tuesday, July 10, 2012 11:24 PM
> > > To: gmsk_dv_node@yahoogroups.com
<mailto:gmsk_dv_node%40yahoogroups.com>
<mailto:gmsk_dv_node%40yahoogroups.com>
>
> > > Subject: [gmsk_dv_node] Re: MoenComm Star*Board and XRF reflectors
> > >
> > >
> > >
> > >
> > > Hi Fred (and other),
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> > > Even with the letter suffix in the callsign, I cannot "hear" any
traffic
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> on
> > > Friday night. The splintered development of the Dextra system seems to
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> > > been it's downfall. One of ever present dangers with open source
> software is
> > > that different groups often take the code in different directions.
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> > > Michael.
> > > VK5ZEA
> > >
> > > --- In gmsk_dv_node@yahoogroups.com
<mailto:gmsk_dv_node%40yahoogroups.com>
> <mailto:gmsk_dv_node%40yahoogroups.com>
> <mailto:gmsk_dv_node%40yahoogroups.com>
> > > , "Fred PA4YBR" <fred@> wrote:
> > > >
> > > > The solution is easy.
> > > >
> > > > ALWAYS use a valid band module for the node's callsign (A/B/C or D),
> and
> > > > optionally
> > > > use another module when using DPLus using the "authcall" field.
> > > >
> > > > Torsten recently stated that any station trying to connect to DCS
> without
> > > > such a valid
> > > > module, will get blocked for 12 hrs.

> > > >
> > > > I just helped the previous poster with the above, and when he had a
> valid
> > > > band module
> > > > added to his node's callsign, all was fine.
> > > >
> > > > And, no, WinDV currently does not do inbound connections, so no UDP
> port
> > > > forwards
> > > > are needed.
> > > >
> > > > --f
> > > >
> > > >
> > > > _____
> > > >
> > > > From: gmsk_dv_node@yahoogroups.com
<mailto:gmsk_dv_node%40yahoogroups.com>
> <mailto:gmsk_dv_node%40yahoogroups.com>
> <mailto:gmsk_dv_node%40yahoogroups.com>
> > > [mailto:gmsk_dv_node@yahoogroups.com
<mailto:gmsk_dv_node%40yahoogroups.com>
> <mailto:gmsk_dv_node%40yahoogroups.com>
> <mailto:gmsk_dv_node%40yahoogroups.com>
> > >] On
> > > > Behalf Of VK5ZEA
> > > > Sent: Monday, July 09, 2012 11:42 PM
> > > > To: gmsk_dv_node@yahoogroups.com
<mailto:gmsk_dv_node%40yahoogroups.com>
> <mailto:gmsk_dv_node%40yahoogroups.com>
> <mailto:gmsk_dv_node%40yahoogroups.com>
> > > > Subject: [gmsk_dv_node] Re: MoenComm Star*Board and XRF reflectors
> > > >
> > > >
> > > >
> > > >
> > > > Hi Everybody,
> > > >
> > > > I too have this symptom with the current version of WinDV.
> > > >
> > > > I also had this in a previous version last year(can't remember which
> one)
> > > > and back then a fix was to ensure there was a letter suffix in the
> > > software
> > > > callsign (not the Authcall). If the suffix was blank, WinDV would
> indicate
> > > > that an incoming call was being "received" from the internet (the
> green RX
> > > > "LED" would light up) but nothing would come out of the attached RF
> > > > hardware. Put in a suffix A, B, C or L and it would be fine.

> > > >
> > > > This fix does not appear to work with the latest version 1.5.3.
> > > >
> > > > You should not need to forward ports to the PC running the software
> unless
> > > > you want to set it up to accept outside connections... can WinDV do
> this
> > > > Fred?
> > > >
> > > > If you initiate a connection from the PC running WinDV to the
outside
> > > world,
> > > > your router should allow related TCP/UDP traffic back through.
> (exactly
> > > how
> > > > a web browser works with a NAT router)
> > > >
> > > > As far as this Dextra problem goes... I'm not sure, I'm going to
play
> > > around
> > > > a bit.
> > > >
> > > > Michael.
> > > > VK5ZEA
> > > >
> > > > --- In gmsk_dv_node@yahoogroups.com
<mailto:gmsk_dv_node%40yahoogroups.com>
> <mailto:gmsk_dv_node%40yahoogroups.com>
> > > <mailto:gmsk_dv_node%40yahoogroups.com>
> > > <mailto:gmsk_dv_node%40yahoogroups.com>
> > > > , "ve3tyg@" <ve3tyg@> wrote:
> > > > >
> > > > > I recently put a node adapter on the air, using the same WinDV
> software
> > > > that I used for my DVAP, just changing the software to use the node
> > > adapter.
> > > > > >
> > > > > When I connect to a XRF, those connected to the XRF can hear me,
but
> > > none
> > > > of the audio comes back to me when I'm using the node adapter.
> > > > > >
> > > > > When I use the DVAP, everything works great.
> > > > > >
> > > > > When I connect to non-XRF (ie, REF001C), everything works great.
> Only
> > > the
> > > > XRF reflectors pose the issue, so I assume it's something related to
> the
> > > > protocol used for XRF.

> > > > >
> > > > > I have forwarded ports 20001 and 30001 to the PC which hosts the
> node
> > > > adapter.
> > > > > >
> > > > > Can anyone shed some light as to why it works with the DVAP but
not
> the
> > > > node adapter?
> > > > > >
> > > > > Thanks in advance,
> > > > > Jason VE3TYG
> > > > > >
> > > > >
> > > >
> >
>

9734. Re: MoenComm Star*Board and XRF reflectors (WinDV issue?)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-02 12:04:24 UTC
From: f5hcc
Topic: 9152 Message: 9734

Hello,
Same problem for me, no audio from X-Reflectors, despite a good connection.
I'm using WinDV 1.5.5 with a DutchStar DV-Node.
73 from Fabrice, F5HCC (sysop of F5ZFY).

--- In gmsk_dv_node@yahoogroups.com, "wd8ocs" <wd8ocs@...> wrote:
>
> We have received reports of the exact same symptoms from a number of our users. It appears that WinDV 1.5.2 works fine with X-Reflectors, but 1.5.5, when installed on the same machine with the same parameters, exhibits the same symptoms described below (no audio from the X-Reflector). Hardware (DVAP, Node Adapter, etc.) does not seem to matter.
>
> Has anyone found a fix? If not, Fred - are you still looking for a bugreport? If so, what level should be selected in the logging drop-down? I should be able to get someone to send one if needed.
>
> Tnx & 73,
>
> Chris
>

9735. Re: MoenComm Star*Board and XRF reflectors (WinDV issue?)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-02 12:16:07 UTC
From: wd8ocs
Topic: 9152 Message: 9735

Thanks Fred. We'll keep our eyes peeled for an update.

Chris

--- In gmsk_dv_node@yahoogroups.com, "Fred PA4YBR" <fred@...> wrote:
>
> CHris,
>
> I received a very detailed description and bugreport from Michael ZEA,
> which will help me fix the issue, probably before 1.5.6 is finalized.
>
> Fred
>
> _____
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of wd8ocs
> Sent: Wednesday, January 02, 2013 12:58 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Re: MoenComm Star*Board and XRF reflectors (WinDV
> issue?)
>
>
>
>
>
> We have received reports of the exact same symptoms from a number of our
> users. It appears that WinDV 1.5.2 works fine with X-Reflectors, but 1.5.5,
> when installed on the same machine with the same parameters, exhibits the
> same symptoms described below (no audio from the X-Reflector). Hardware
> (DVAP, Node Adapter, etc.) does not seem to matter.
>
> Has anyone found a fix? If not, Fred - are you still looking for a
> bugreport? If so, what level should be selected in the logging drop-down? I
> should be able to get someone to send one if needed.
>
> Tnx & 73,
>
> Chris
>
> --- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
> , "Fred PA4YBR" <fred@> wrote:
> >
> > I was unable to reproduce that problem, so would need a
> > program-generated bugreport (with logging enabled) from
> > someone who actually has that problem...

> >
> > --fred
> >
> > _____
> >
> > From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
> [mailto:gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
>] On
> > Behalf Of rw24
> > Sent: Saturday, December 01, 2012 8:06 AM
> > To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
> > Subject: [gmsk_dv_node] Re: MoenComm Star*Board and XRF reflectors
> >
> >
> >
> >
> > Fred, Michael,
> >
> > Did this issue get resolved?
> >
> > I have a friend who seems to have this same issue with the latest version
> of
> > WinDV.
> >
> > Suffix is being used, ports are forwarded. Everything else seems right to
> > me, but he is not hearing any audio from XRF reflectors.
> >
> > Any help would be appreciated.
> >
> > Mark,
> > VE6BHO
> >
> > --- In gmsk_dv_node@yahoogroups.com
> <mailto:gmsk_dv_node%40yahoogroups.com>
> <mailto:gmsk_dv_node%40yahoogroups.com>
> > , "VK5ZEA" <michaelcarey@> wrote:
> > >
> > > Will do...
> > >
> > >
> > > --- In gmsk_dv_node@yahoogroups.com
> <mailto:gmsk_dv_node%40yahoogroups.com>
> > <mailto:gmsk_dv_node%40yahoogroups.com> , "Fred PA4YBR" <fred@> wrote:
> > > >
> > > > Connect to that reflector, and send a bugreport (with logging enabled)
> > so we
> > > > can get some more info... it does seem to work fine here, so I'm kinda
> > > > stumped.
> > > >
> > > > --f

> > > >
> > > > _____
> > > >
> > > > From: gmsk_dv_node@...m
> <mailto:gmsk_dv_node%40yahoogroups.com>
> > <mailto:gmsk_dv_node%40yahoogroups.com>
> > [mailto:gmsk_dv_node@yahoogroups.com
> <mailto:gmsk_dv_node%40yahoogroups.com>
> <mailto:gmsk_dv_node%40yahoogroups.com>
> >] On
> > > > Behalf Of VK5ZEA
> > > > Sent: Tuesday, July 10, 2012 11:24 PM
> > > > To: gmsk_dv_node@yahoogroups.com
> <mailto:gmsk_dv_node%40yahoogroups.com>
> <mailto:gmsk_dv_node%40yahoogroups.com>
> >
> > > > Subject: [gmsk_dv_node] Re: MoenComm Star*Board and XRF reflectors
> > > > >
> > > > >
> > > > >
> > > > >
> > > > Hi Fred (and other),
> > > > >
> > > > Even with the letter suffix in the callsign, I cannot "hear" any
> traffic
> > > > from an XRF reflector using WinDV. Transmit to the reflector is fine,
> > the
> > > > Green RX "LED" lights up to indicate that a DV stream is coming in,
> but
> > > > nothing is transmitted from the HotSpot/DVAP.
> > > > >
> > > > I only persist with Dextra because of the CanNet being held on XRF021
> B
> > on
> > > > Friday night. The splintered development of the Dextra system seems to
> > have
> > > > been it's downfall. One of ever present dangers with open source
> > software is
> > > > that different groups often take the code in different directions.
> > > > >
> > > > Michael.
> > > > VK5ZEA
> > > > >
> > > > --- In gmsk_dv_node@yahoogroups.com
> <mailto:gmsk_dv_node%40yahoogroups.com>
> > <mailto:gmsk_dv_node%40yahoogroups.com>
> > <mailto:gmsk_dv_node%40yahoogroups.com>
> > > > , "Fred PA4YBR" <fred@> wrote:
> > > > >
> > > > The solution is easy.

> > > > >
> > > > > ALWAYS use a valid band module for the node's callsign (A/B/C or D),
> > and
> > > > > optionally
> > > > > use another module when using DPLus using the "authcall" field.
> > > > > >
> > > > > Torsten recently stated that any station trying to connect to DCS
> > without
> > > > > such a valid
> > > > > module, will get blocked for 12 hrs.
> > > > > >
> > > > > I just helped the previous poster with the above, and when he had a
> > valid
> > > > > band module
> > > > > added to his node's callsign, all was fine.
> > > > > >
> > > > > And, no, WinDV currently does not do inbound connections, so no UDP
> > port
> > > > > forwards
> > > > > are needed.
> > > > > >
> > > > > --f
> > > > > >
> > > > > >
> > > > > _____
> > > > > >
> > > > > From: gmsk_dv_node@yahoogroups.com
> <mailto:gmsk_dv_node%40yahoogroups.com>
> > <mailto:gmsk_dv_node%40yahoogroups.com>
> > <mailto:gmsk_dv_node%40yahoogroups.com>
> > > > [mailto:gmsk_dv_node@yahoogroups.com
> <mailto:gmsk_dv_node%40yahoogroups.com>
> > <mailto:gmsk_dv_node%40yahoogroups.com>
> > <mailto:gmsk_dv_node%40yahoogroups.com>
> > > >] On
> > > > > Behalf Of VK5ZEA
> > > > > Sent: Monday, July 09, 2012 11:42 PM
> > > > > To: gmsk_dv_node@yahoogroups.com
> <mailto:gmsk_dv_node%40yahoogroups.com>
> > <mailto:gmsk_dv_node%40yahoogroups.com>
> > <mailto:gmsk_dv_node%40yahoogroups.com>
> > > > > Subject: [gmsk_dv_node] Re: MoenComm Star*Board and XRF reflectors
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > Hi Everybody,
> > > > > >
> > > > > I too have this symptom with the current version of WinDV.
> > > > > >

> > > > > I also had this in a previous version last year(can't remember which
> > one)
> > > > > and back then a fix was to ensure there was a letter suffix in the
> > > > software
> > > > > callsign (not the Authcall). If the suffix was blank, WinDV would
> > indicate
> > > > > that an incoming call was being "received" from the internet (the
> > green RX
> > > > > "LED" would light up) but nothing would come out of the attached RF
> > > > > hardware. Put in a suffix A, B, C or L and it would be fine.
> > > > >
> > > > > This fix does not appear to work with the latest version 1.5.3.
> > > > >
> > > > > You should not need to forward ports to the PC running the software
> > unless
> > > > > you want to set it up to accept outside connections... can WinDV do
> > this
> > > > > Fred?
> > > > >
> > > > > If you initiate a connection from the PC running WinDV to the
> outside
> > > > world,
> > > > > your router should allow related TCP/UDP traffic back through.
> > (exactly
> > > > how
> > > > > a web browser works with a NAT router)
> > > > >
> > > > > As far as this Dextra problem goes... I'm not sure, I'm going to
> play
> > > > around
> > > > > a bit.
> > > > >
> > > > > Michael.
> > > > > VK5ZEA
> > > > >
> > > > > --- In gmsk_dv_node@yahoogroups.com
> <mailto:gmsk_dv_node%40yahoogroups.com>
> > <mailto:gmsk_dv_node%40yahoogroups.com>
> > > > <mailto:gmsk_dv_node%40yahoogroups.com>
> > > > <mailto:gmsk_dv_node%40yahoogroups.com>
> > > > > , "ve3tyg@" <ve3tyg@> wrote:
> > > > > >
> > > > > > I recently put a node adapter on the air, using the same WinDV
> > software
> > > > > > that I used for my DVAP, just changing the software to use the node
> > > > adapter.
> > > > > >
> > > > > > When I connect to a XRF, those connected to the XRF can hear me,
> but
> > > > none

> > > > > of the audio comes back to me when I'm using the node adapter.
> > > > > >
> > > > > > When I use the DVAP, everything works great.
> > > > > >
> > > > > > When I connect to non-XRF (ie, REF001C), everything works great.
> > Only
> > > > > the
> > > > > > XRF reflectors pose the issue, so I assume it's something related to
> > the
> > > > > > protocol used for XRF.
> > > > > > >
> > > > > > > I have forwarded ports 20001 and 30001 to the PC which hosts the
> > node
> > > > > > adapter.
> > > > > > >
> > > > > > > Can anyone shed some light as to why it works with the DVAP but
> not
> > the
> > > > > > node adapter?
> > > > > > >
> > > > > > > Thanks in advance,
> > > > > > > Jason VE3TYG
> > > > > > >
> > > > > >
> > > > >
> > >
> >
>

9736. RE: [gmsk_dv_node] Re: MoenComm Star*Board and XRF reflectors (WinDV issue?)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-02 12:19:47 UTC
From: Fred PA4YBR
Topic: 9152 Message: 9736

Fabrice,

It has nothing to do with the quality of the connection. Basically, the transmissions (some of them, not all) are *ignored* because the program thinks that transmission is on the wrong channel (module) of the reflector.

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of f5hcc
Sent: Wednesday, January 02, 2013 1:04 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: MoenComm Star*Board and XRF reflectors (WinDV issue?)

Hello,
Same problem for me, no audio from X-Reflectors, despite a good connection.
I'm using WinDV 1.5.5 with a DutchStar DV-Node.
73 from Fabrice, F5HCC (sysop of F5ZFY).

--- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>, "wd8ocs" <wd8ocs@...> wrote:
>
> We have received reports of the exact same symptoms from a number of our users. It appears that WinDV 1.5.2 works fine with X-Reflectors, but 1.5.5, when installed on the same machine with the same parameters, exhibits the same symptoms described below (no audio from the X-Reflector). Hardware (DVAP, Node Adapter, etc.) does not seem to matter.
>
> Has anyone found a fix? If not, Fred - are you still looking for a bugreport? If so, what level should be selected in the logging drop-down? I should be able to get someone to send one if needed.
>
> Tnx & 73,
>
> Chris
>

9737. Re: [gmsk_dv_node] Message

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-02 14:05:40 UTC
From: Fran Miele
Topic: 8991 Message: 9737

It's not a mailing list. It is a Yahoo Group. YOU need to unsubscribe
yourself.

--Fran

<http://www.ccdl.us/>
<http://www.miele-family.com/weather>

IMPORTANT: The contents of this email and any attachments are confidential.
They are intended for the named recipient(s) only. If you have received
this email by mistake, please notify the sender immediately and do not
disclose the contents to anyone or make copies thereof.

On Wed, Jan 2, 2013 at 3:35 PM, randall mcdonald <vk3rm@...>wrote:

> **
>
>
> Please take me off your mailing list as I do not use dstar
> thankyou
>
>

9738. Re: [gmsk_dv_node] Re: Which "libusb0.dll" with dv_node ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-02 14:55:44 UTC
From: Ian Wilson
Topic: 9712 Message: 9738

Hello Fabrice,

HSA 1.30 beta 7 firmware.

COS not checked | RSSI checked | RSSI SQ 0 | CRC checked |

Hope this helps

73

ian..

From: f5hcc <f5hcc@...>
To: gmsk_dv_node@yahoogroups.com
Sent: Wednesday, 2 January 2013, 8:25
Subject: [gmsk_dv_node] Re: Which "libusb0.dll" with dv_node ?

Hi Ian,
Which release of firmware is running on your boards ?
Can you tell me the configuration of the boards (COS, RSSI, etc...) and the settings in rptr (COS, PTT, etc...) ?
73 from Fabrice, F5HCC.

--- In gmsk_dv_node@yahoogroups.com, Ian Wilson <jedscoot@...> wrote:
>
> Hello Fred,
>
> Free*Star is a version of Scott's software.
>
> I run it here with two of your boards and everything has been 100% for me..
>
> 73,
>
> Ian..
>

9739. Re: MoenComm Star*Board and XRF reflectors (WinDV issue?)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-02 17:23:08 UTC
From: f5hcc
Topic: 9152 Message: 9739

Hi Fred.
Thank you for your reply.
So it means that we have to wait for a new revision of WinDV ?
73.
Fabrice, F5HCC.

--- In gmsk_dv_node@yahoogroups.com, "Fred PA4YBR" <fred@...> wrote:
>
> Fabrice,
>
> It has nothing to do with the quality of the connection. Basically, the
> transmissions (some of them, not all) are *ignored* because the
> program thinks that transmission is on the wrong channel (module)
> of the reflector.
>
> --fred
>
> _____
>

9740. Re: Which "libusb0.dll" with dv_node ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-02 17:25:57 UTC
From: f5hcc
Topic: 9712 Message: 9740

Hi Ian,
Thanks a lot for the configuration of the DV-Node.
What about the configuration of "rptr" (COS, PTT, etc...) ?
73.
Fabrice, F5HCC.

--- In gmsk_dv_node@yahoogroups.com, Ian Wilson <jedscoot@...> wrote:
>
> Hello Fabrice,
>
> HSA 1.30 beta 7 firmware.
>
>
> COSÂ not checked | RSSI checked | RSSI SQ 0 | CRC checked |
>
> Hope this helps
>
> 73Â
>
>
> ian..
>
>
>
> _____
> From: f5hcc <f5hcc@...>
> To: gmsk_dv_node@yahoogroups.com
> Sent: Wednesday, 2 January 2013, 8:25
> Subject: [gmsk_dv_node] Re: Which "libusb0.dll" with dv_node ?
>
>
> Â
> Hi Ian,
> Which release of firmware is running on your boards ?
> Can you tell me the configuration of the boards (COS, RSSI, etc...) and the settings in
rptr (COS, PTT, etc...) ?
> 73 from Fabrice, F5HCC.
>
> --- In gmsk_dv_node@yahoogroups.com, Ian Wilson <jedscoot@> wrote:
> >
> > Hello Fred,
> >
> > Free*Star is a version of Scott's software.
> >
> > I run it here with two of your boards and everything has been 100% for me..

> >
> > 73,
> >
> > Ian..
> >
>

9741. Re: [gmsk_dv_node] Message

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-02 17:41:23 UTC
From: petem001@gmail.com
Topic: 8991 Message: 9741

Randall there is a link at the bottom of this email that says unsubscribe.. clic on it!

From: randall mcdonald
Sent: Wednesday, January 02, 2013 3:35 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Message

Please take me off your mailing list as I do not use dstar
thankyou

9742. Re: [gmsk_dv_node] Re: Which "libusb0.dll" with dv_node ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-02 22:01:55 UTC
From: Ian Wilson
Topic: 9712 Message: 9742

Hello Fabrice,

My rptr.cfg uses the default settings ;

CHECK_FOR_COS=N | CHECK_PTT_IS_OFF=Y | etc..

73

Ian..

From: f5hcc <f5hcc@...>
To: gmsk_dv_node@yahoogroups.com
Sent: Wednesday, 2 January 2013, 17:25
Subject: [gmsk_dv_node] Re: Which "libusb0.dll" with dv_node ?

Hi Ian,
Thanks a lot for the configuration of the DV-Node.
What about the configuration of "rptr" (COS, PTT, etc...) ?
73.
Fabrice, F5HCC.

--- In gmsk_dv_node@yahoogroups.com, Ian Wilson <jedscoot@...> wrote:
>
> Hello Fabrice,
>
> HSA 1.30 beta 7 firmware.
>
>
> COSÂ not checked | RSSI checked | RSSI SQ 0 | CRC checked |
>
> Hope this helps
>
> 73Â
>
>
> ian..
>
>
>
>
> ---
> From: f5hcc <f5hcc@...>
> To: gmsk_dv_node@yahoogroups.com
> Sent: Wednesday, 2 January 2013, 8:25
> Subject: [gmsk_dv_node] Re: Which "libusb0.dll" with dv_node ?
>
>

> Â
> Hi Ian,
> Which release of firmware is running on your boards ?
> Can you tell me the configuration of the boards (COS, RSSI, etc...) and the settings in rptr (COS, PTT, etc...) ?
> 73 from Fabrice, F5HCC.
>
> --- In gmsk_dv_node@yahoogroups.com, Ian Wilson <jedscoot@> wrote:
> >
> > Hello Fred,
> >
> > Free*Star is a version of Scott's software.
> >
> > I run it here with two of your boards and everything has been 100% for me..
> >
> > 73,
> >
> > Ian..
> >
>

9743. Re: Which "libusb0.dll" with dv_node ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-03 08:12:29 UTC
From: f5hcc
Topic: 9712 Message: 9743

Hello Ian,
Thanks a lot for your help !
73.
Fabrice, F5HCC.

--- In gmsk_dv_node@yahoogroups.com, Ian Wilson wrote:
>
> Hello Fabrice,
>
> My rptr.cfg uses the default settings ;
>
> CHECK_FOR_COS=N | CHECK_PTT_IS_OFF=Y |Â etc..
>
> 73
>
> Ian..
>
>

9744. Using two node adapters on one computer

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-04 01:47:46 UTC
From: Ron Boyle
Topic: 9744 Message: 9744

I would like to know if anyone has found a way to use 2 boards on one computer. I think you can change the board address, but not sure if two boards will work.

73
K2TJW

9745. GMSK Node Adapter and a Motorola CDM 1250 - It works!!

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-04 02:30:11 UTC
From: Douglas
Topic: 9745 Message: 9745

All,

I finally got a Motorola CDM 1250 (VHF) working with a MoenComm
D-STAR board (simplex hotspot). Works like a champ!!

Next on the list.. Full repeater with two CDM 750's.

--73 de N1OBU (Doug)
FN41AM

9746. Re: [gmsk_dv_node] Using two node adapters on one computer

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-04 03:03:31 UTC
From: Rudy Benner
Topic: 9744 Message: 9746

I run a setup like that, running under Windows.

Contact me privately.

ve3bdr

From: Ron Boyle
Sent: Thursday, January 03, 2013 8:47 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Using two node adapters on one computer

I would like to know if anyone has found a way to use 2 boards on one computer. I think you can change the board address, but not sure if two boards will work.

73
K2TJW

9747. RE: [gmsk_dv_node] Using two node adapters on one computer

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-04 04:47:46 UTC
From: J. M. Moen
Topic: 9744 Message: 9747

Ron,

I see you have at least one Star*Board, which uses DUTCH*Star firmware. What most people do is keep one board's PID at the default hex 300, and change the 2nd board's PID to hex 301.

To do that, contact DUTCH*Star at <mailto:fred@...>
fred@... and ask Fred to send you a copy of the updated "nacfg.exe" tool (which comes with instructions) - this program can change a board's PID.

Then it comes down to the software you run on your PC. Some programs, like GMSKRepeater by G4KLX (and the G4ULF gateway, not generally available), allow you to define more than one "module" with GMSK board, each with its own PID.

Jim - K6JM - MoenComm LLC

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Ron Boyle
Sent: Thursday, January 03, 2013 5:48 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Using two node adapters on one computer

I would like to know if anyone has found a way to use 2 boards on one computer. I think you can change the board address, but not sure if two boards will work.

73
K2TJW

9748. MOTOROLA GM330 AND MOENCOMM BOARD

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-05 22:53:08 UTC
From: chuckn4ued
Topic: 9696 Message: 9748

Update on the RF interference I was having .
After placing snap on's on the star board power cable and the one that connects to the radio , I found the following .
I was wrong . The board is placed in a metal box covered in copper foil . After racking my brain I found where I was receiving RF from .
It was coming from the power cable that was powering the desk top computer . I placed a snap on rf choke on the cable where the power cable plugs into the rear of the desktop computer .
The RF was gone .
I hope this helps someone else .
Chuck N4UED

9749. RE: [gmsk_dv_node] MOTOROLA GM330 AND MOENCOMM BOARD

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-06 09:02:52 UTC
From: J. M. Moen
Topic: 9696 Message: 9749

Chuck,

Glad you tracked that down and solved the problem. And thanks for posting.
I'm sure it will help others who experience the same thing.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of chuckn4ued
Sent: Saturday, January 05, 2013 2:53 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] MOTOROLA GM330 AND MOENCOMM BOARD

Update on the RF interference I was having .
After placing snap on's on the star board power cable and the one that connects to the radio , I found the following .
I was wrong . The board is placed in a metal box covered in copper foil .
After racking my brain I found where I was receiving RF from .
It was coming from the power cable that was powering the desk top computer .
I placed a snap on rf choke on the cable where the power cable plugs into the rear of the desktop computer .
The RF was gone .
I hope this helps someone else .
Chuck N4UED

9750. Re: Using Motorola MCS2000 with GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-06 15:29:59 UTC
From: dfwoodhouse@rocketmail.com
Topic: 9028 Message: 9750

Hello,

I am trying to get my gmsk to attach to the mcs2000, I am using pin 11 on the accessories connector to give me the discriminator feed and have enabled vrm100. But nothing.

The cos is operating but no decode, I only assume I have missed something any clues?

The gmsk is Moencom I have the cps and leads but cannot see what else I could change..

73

David G6ORL

--- In gmsk_dv_node@yahoogroups.com, "VK5ZEA" wrote:
>
> I've been working on this tonight and have successfully got a UHF MCS2000 transmitting GMSK D-Star perfectly from a HotSpot board... if my ID-31A can decode it, then something is right. I'll be setting the deviation a bit more accurately with my service monitor tomorrow.
>
> Disable the pre/de-emphasis and enable VRM100. The main thing I wanted to do was disable all the extraneous settings and leave only what is required to make the MCS2000 work with GMSK.
>
> I've still got to work out why I can't get it to receive... I'm using the discriminator out, might be a level issue. Time to crack out the CRO.
>
> All in all a good step in the right direction.
>
> Michael.
> VK5ZEA
>
>
> --- In gmsk_dv_node@yahoogroups.com, "wd8ocs" wrote:
> >
> > Hi Michael,
> >
> > I haven't tried that specific radio, but the rule of thumb with Motorola radios is "If it supports DPL (Motorola's trade name for DCS/DTCSS), it will do D-STAR". That radio supports DPL, as do most Motorola radios made since the mid 80's. It has a direct FM modulator.
> >
> > The only trick is finding the correct injection point. If you can find a service manual, it should be easy.
> >
> > 73,

> >
> > Chris - WD8OCS
> >
> > --- In gmsk_dv_node@yahoogroups.com, "VK5ZEA" wrote:
> > >
> > > Hi Everybody,
> > >
> > > Has anyone here successfully used a Motorola MCS2000 radio with a GMSK DV Node Adapter?
> > >
> > > I've got a few that I am going to try and get working on 70cm.
> > >
> > > Michael.
> > > VK5ZEA
> > >
> >
>

9751. RE: [gmsk_dv_node] Re: Using Motorola MCS2000 with GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-06 21:37:14 UTC
From: J. M. Moen
Topic: 9028 Message: 9751

David,

I can't find a (free) manual for the MCS2000 on the internet, so I can't help you there. If you have the cable wired up right and the radio programmed right, maybe all you need to do is run NAWinCFG and toggle the RX Invert setting?

When you say COS is operating, I'm not sure what you mean. The DUTCH*Star firmware is capable of figuring out when a valid GMSK signal is being received ("Soft COS"), and it's more accurate for D-Star purposes than using the radio's COS/SQL line. You've probably already done this, but just in case, check out http://www.moencomm.com/SBsettings.htm to be sure the board is operating in the correct mode and Soft COS is active.

If you've done all this and are sure it's a radio or cable thing, I'm sorry I can't be of much help.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of dfwoodhouse@...
Sent: Sunday, January 06, 2013 7:30 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Using Motorola MCS2000 with GMSK

Hello,

I am trying to get my gmsk to attach to the mcs2000, I am using pin 11 on the accessories connector to give me the discriminator feed and have enabled vrm100. But nothing.

The cos is operating but no decode, I only assume I have missed something any clues?

The gmsk is Moencom I have the cps and leads but cannot see what else I could change..

73

David G6ORL

--- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
, "VK5ZEA" wrote:
>
> I've been working on this tonight and have successfully got a UHF MCS2000 transmitting GMSK D-Star perfectly from a HotSpot board... if my ID-31A can decode it, then something is right. I'll be setting the deviation a bit more accurately with my service monitor tomorrow.

>
> Disable the pre/de-emphasis and enable VRM100. The main thing I wanted to
do was disable all the extraneous settings and leave only what is required
to make the MCS2000 work with GMSK.
>
> I've still got to work out why I can't get it to receive... I'm using the
discriminator out, might be a level issue. Time to crack out the CRO.
>
> All in all a good step in the right direction.
>
> Michael.
> VK5ZEA
>
>
> --- In gmsk_dv_node@yahoogroups.com
<mailto:gmsk_dv_node%40yahoogroups.com> , "wd8ocs" wrote:
> >
> > Hi Michael,
> >
> > I haven't tried that specific radio, but the rule of thumb with Motorola
radios is "If it supports DPL (Motorola's trade name for DCS/DTCSS), it will
do D-STAR". That radio supports DPL, as do most Motorola radios made since
the mid 80's. It has a direct FM modulator.
> >
> > The only trick is finding the correct injection point. If you can find a
service manual, it should be easy.
> >
> > 73,
> >
> > Chris - WD8OCS
> >
> > --- In gmsk_dv_node@yahoogroups.com
<mailto:gmsk_dv_node%40yahoogroups.com> , "VK5ZEA" wrote:
> > >
> > > Hi Everybody,
> > >
> > > Has anyone here successfully used a Motorola MCS2000 radio with a GMSK
DV Node Adapter?
> > >
> > > I've got a few that I am going to try and get working on 70cm.
> > >
> > > Michael.
> > > VK5ZEA
> > >
> > >
>

9752. Re: Using Motorola MCS2000 with GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-06 22:01:27 UTC
From: Steve
Topic: 9028 Message: 9752

You can find the manual for the MCS2000 at http://mods.dk/

--- In gmsk_dv_node@yahoogroups.com, "J. M. Moen" wrote:
>
> David,
>
>
>
> I can't find a (free) manual for the MCS2000 on the internet, so I can't
> help you there. If you have the cable wired up right and the radio
> programmed right, maybe all you need to do is run NAWinCFG and toggle the RX
> Invert setting?
>
>
>
> When you say COS is operating, I'm not sure what you mean. The DUTCH*Star
> firmware is capable of figuring out when a valid GMSK signal is being
> received ("Soft COS"), and it's more accurate for D-Star purposes than using
> the radio's COS/SQL line. You've probably already done this, but just in
> case, check out http://www.moencomm.com/SBsettings.htm to be sure the board
> is operating in the correct mode and Soft COS is active.
>
>
>
> If you've done all this and are sure it's a radio or cable thing, I'm sorry
> I can't be of much help.
>
>
>
> Jim - K6JM
>
>
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of dfwoodhouse@...
> Sent: Sunday, January 06, 2013 7:30 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Re: Using Motorola MCS2000 with GMSK
>
>
>
>
>
> Hello,
>

> I am trying to get my gmsk to attach to the mcs2000, I am using pin 11 on
> the accessories connector to give me the discriminator feed and have enabled
> vrm100. But nothing.
>
> The cos is operating but no decode, I only assume I have missed something
> any clues?
>
> The gmsk is Moencom I have the cps and leads but cannot see what else I
> could change..
>
> 73
>
> David G6ORL
>
> --- In gmsk_dv_node@yahoogroups.com
> , "VK5ZEA" wrote:
> >
> > I've been working on this tonight and have successfully got a UHF MCS2000
> transmitting GMSK D-Star perfectly from a HotSpot board... if my ID-31A can
> decode it, then something is right. I'll be setting the deviation a bit more
> accurately with my service monitor tomorrow.
> >
> > Disable the pre/de-emphasis and enable VRM100. The main thing I wanted to
> do was disable all the extraneous settings and leave only what is required
> to make the MCS2000 work with GMSK.
> >
> > I've still got to work out why I can't get it to receive... I'm using the
> discriminator out, might be a level issue. Time to crack out the CRO.
> >
> > All in all a good step in the right direction.
> >
> > Michael.
> > VK5ZEA
> >
> >
> > --- In gmsk_dv_node@yahoogroups.com
> , "wd8ocs" wrote:
> > >
> > > Hi Michael,
> > >
> > > I haven't tried that specific radio, but the rule of thumb with Motorola
> radios is "If it supports DPL (Motorola's trade name for DCS/DTCSS), it will
> do D-STAR". That radio supports DPL, as do most Motorola radios made since
> the mid 80's. It has a direct FM modulator.
> > >
> > > The only trick is finding the correct injection point. If you can find a
> service manual, it should be easy.
> > >
> > > 73,
> > >

> > > Chris - WD8OCS
> > >
> > > --- In gmsk_dv_node@yahoogroups.com
> , "VK5ZEA" wrote:
> > > >
> > > > Hi Everybody,
> > > >
> > > > Has anyone here successfully used a Motorola MCS2000 radio with a GMSK
> DV Node Adapter?
> > > >
> > > > I've got a few that I am going to try and get working on 70cm.
> > > >
> > > > Michael.
> > > > VK5ZEA
> > > >
> > >
> >
>

9753. Re: [gmsk_dv_node] Re: Using Motorola MCS2000 with GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-06 22:12:09 UTC
From: Larry
Topic: 9028 Message: 9753

Hi

I have successfully used the mcs2000 in d-star repeaters. Do not use
pin 11 for datafeed it is filtered and not flat audio so not useable on
dstar. I use pin25 which provides direct discriminator audio when
VRM100 is enabled. Pin-outs are:

Pin 24 - Tx audio
Pin 10 - Gnd
Pin 21- PTT
Pin 25 - Rx data
Pin 8 - COS (not required on some GMSK modems)

73 Larry vk5ly

On 7/01/2013 8:07 AM, J. M. Moen wrote:
>
> David,
>
> I can't find a (free) manual for the MCS2000 on the internet, so I
> can't help you there. If you have the cable wired up right and the
> radio programmed right, maybe all you need to do is run NAWinCFG and
> toggle the RX Invert setting?
>
> When you say COS is operating, I'm not sure what you mean. The
> DUTCH*Star firmware is capable of figuring out when a valid GMSK
> signal is being received ("Soft COS"), and it's more accurate for
> D-Star purposes than using the radio's COS/SQL line. You've probably
> already done this, but just in case, check out
> http://www.moencomm.com/SBsettings.htm to be sure the board is
> operating in the correct mode and Soft COS is active.
>
> If you've done all this and are sure it's a radio or cable thing, I'm
> sorry I can't be of much help.
>
> Jim -- K6JM
>
> *From:*gmsk_dv_node@yahoogroups.com
> [mailto:gmsk_dv_node@yahoogroups.com] *On Behalf Of
> *dfwoodhouse@...
> *Sent:* Sunday, January 06, 2013 7:30 AM
> *To:* gmsk_dv_node@yahoogroups.com
> *Subject:* [gmsk_dv_node] Re: Using Motorola MCS2000 with GMSK
>
> Hello,
>

> I am trying to get my gmsk to attach to the mcs2000, I am using pin 11
> on the accessories connector to give me the discriminator feed and
> have enabled vrm100. But nothing.
>
> The cos is operating but no decode, I only assume I have missed
> something any clues?
>
> The gmsk is Moencom I have the cps and leads but cannot see what else
> I could change..
>
> 73
>
> David G6ORL
>
> --- In gmsk_dv_node@yahoogroups.com
> <mailto:gmsk_dv_node%40yahoogroups.com>, "VK5ZEA" wrote:
> >
> > I've been working on this tonight and have successfully got a UHF
> MCS2000 transmitting GMSK D-Star perfectly from a HotSpot board... if
> my ID-31A can decode it, then something is right. I'll be setting the
> deviation a bit more accurately with my service monitor tomorrow.
> >
> > Disable the pre/de-emphasis and enable VRM100. The main thing I
> wanted to do was disable all the extraneous settings and leave only
> what is required to make the MCS2000 work with GMSK.
> >
> > I've still got to work out why I can't get it to receive... I'm
> using the discriminator out, might be a level issue. Time to crack out
> the CRO.
> >
> > All in all a good step in the right direction.
> >
> > Michael.
> > VK5ZEA
> >
> >
> > --- In gmsk_dv_node@yahoogroups.com
> <mailto:gmsk_dv_node%40yahoogroups.com>, "wd8ocs" wrote:
> > >
> > > Hi Michael,
> > >
> > > I haven't tried that specific radio, but the rule of thumb with
> Motorola radios is "If it supports DPL (Motorola's trade name for
> DCS/DTCSS), it will do D-STAR". That radio supports DPL, as do most
> Motorola radios made since the mid 80's. It has a direct FM modulator.
> > >
> > > The only trick is finding the correct injection point. If you can
> find a service manual, it should be easy.
> > >
> > > 73,

> > >
> > > Chris - WD8OCS
> > >
> > > --- In gmsk_dv_node@yahoogroups.com
> <mailto:gmsk_dv_node%40yahoogroups.com>, "VK5ZEA" wrote:
> > > > >
> > > > > Hi Everybody,
> > > > >
> > > > > Has anyone here successfully used a Motorola MCS2000 radio with
> a GMSK DV Node Adapter?
> > > > >
> > > > > I've got a few that I am going to try and get working on 70cm.
> > > > >
> > > > > Michael.
> > > > > VK5ZEA
> > > > >
> > > >
> > >
> >
>

9754. Satoshi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-07 16:14:12 UTC
From: Ian
Topic: 2229 Message: 9754

Hello,

Anyone had a recent contact with Satoshi ??

I sent an E_Mail last night and it bounced!
I used the link from his website..

73
Ian..

9755. Re: [gmsk_dv_node] Satoshi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-07 16:44:44 UTC
From: gary.k7ek@yahoo.com
Topic: 2229 Message: 9755

Ian,

You aren't the only one. I've been emailing him to arrange purchase of one or more of his boards but he ignores all of my messages. It's as if he does not care whether or not he sells any of his products. I'm really glad that there are other solutions available. Satoshi's loss, and a gain for his competitors...

Best regards,

Gary, K7EK

-----Original message-----
From: Ian <jedscoot@...>
To: gmsk_dv_node@yahoogroups.com
Sent: Mon, Jan 7, 2013 16:14:18 GMT+00:00
Subject: [gmsk_dv_node] Satoshi

Hello,

Anyone had a recent contact with Satoshi ??

I sent an E_Mail last night and it bounced!
I used the link from his website..

73
Ian..

9756. Re: [gmsk_dv_node] Satoshi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-07 17:26:40 UTC
From: Michael Walker
Topic: 2229 Message: 9756

Let's just hope that he is OK and that he has chosen not to reply and that
it is not something serious with his health.

Mike va3mw

On Mon, Jan 7, 2013 at 11:44 AM, gary.k7ek@... <gary.k7ek@...>wrote:

> **
>
>
> Ian,
>
> You aren't the only one. I've been emailing him to arrange purchase of one
> or more of his boards but he ignores all of my messages. It's as if he does
> not care whether or not he sells any of his products. I'm really glad that
> there are other solutions available. Satoshi's loss, and a gain for his
> competitors...
>
> Best regards,
>
> Gary, K7EK
>
> -----Original message-----
>
> *From: *Ian <jedscoot@...>*
> To: *gmsk_dv_node@yahoogroups.com*
> Sent: *Mon, Jan 7, 2013 16:14:18 GMT+00:00*
> Subject: *[gmsk_dv_node] Satoshi
>
>
>
>
> Hello,
>
> Anyone had a recent contact with Satoshi ??
>
> I sent an E_Mail last night and it bounced!
> I used the link from his website..
>
> 73
> Ian..
>
>
>

9757. Message for Fred

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-07 18:04:18 UTC
From: joelandlouise@btopenworld.com
Topic: 9757 Message: 9757

Hi I have been trying to get hold of Fred to no avail. Perhaps my e-mail ended up in the SPAM folder? I have a Moencomm board and wanted to get hold of the latest BETA firmware which I believe will improve the perfomance of my current set up using a Raspberry PI. (Lot's of posts seen about this)Is Fred on here or is anyone in contact with him??

9758. RE: [gmsk_dv_node] Message for Fred

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-07 18:08:32 UTC
From: Fred PA4YBR
Topic: 9757 Message: 9758

waves I''m heeeeeeeere -----> .

When did you last send a message?

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of joelandlouise@...
Sent: Monday, January 07, 2013 7:04 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Message for Fred

Hi I have been trying to get hold of Fred to no avail. Perhaps my e-mail ended up in the SPAM folder? I have a Moencomm board and wanted to get hold of the latest BETA firmware which I believe will improve the perfomance of my current set up using a Raspberry PI. (Lot's of posts seen about this)Is Fred on here or is anyone in contact with him??

9759. Re: [gmsk_dv_node] Message for Fred

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-07 18:27:33 UTC
From: gary.k7ek@yahoo.com
Topic: 9757 Message: 9759

I've also attempted to acquire a more recent version of firmware for my Star Board. Fred ignored every email and posting to his web page on the subject. You're not alone - Many others have experienced the same thing. I purchased a board with high expectations for its performance. As I understand it, what Fred's firmware lacks is RESYNC, without which we end up with a DSTAR Black Hole as some described it. So far my expectations of high performance have yet to be realized. That's pushing me toward boards from other companies which reportedly have the RESYNC feature and superior performance. Performance of my gateway is exceptionally poor, even as close as 2-3 miles away. I've adjusted some variables in my gateway config, which helped a bit, but general performance remains poor. It is critical that my gateway perform well as it will soon be providing DSTAR connectivity for my mountain top repeater. If anyone has an alternate firmware that will significantly improve Star Board performance, I'm all ears. Thanks...

Best regards,

Gary, K7EK

-----Original message-----
From: "joelandlouise@..." <joelandlouise@...>
To: gmsk_dv_node@yahoogroups.com
Sent: Mon, Jan 7, 2013 18:04:23 GMT+00:00
Subject: [gmsk_dv_node] Message for Fred

Hi I have been trying to get hold of Fred to no avail. Perhaps my e-mail ended up in the SPAM folder? I have a Moencomm board and wanted to get hold of the latest BETA firmware which I believe will improve the perfomance of my current set up using a Raspberry PI. (Lot's of posts seen about this)Is Fred on here or is anyone in contact with him??

9760. Re: Message for Fred

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-07 18:53:16 UTC
From: joelandlouise@btopenworld.com
Topic: 9757 Message: 9760

23/12/12, my friend Shams also emailed you on my behalf between X-Mas and New Year.

I am using a Raspberry PI and could not get the board to work with G4KLX SW, since then I have managed to get it going with Freestar but get some R2D2 at the begining of overs amd believe the BETA firmware may fix it.

Regards,

G0URK
--- In gmsk_dv_node@yahoogroups.com, "Fred PA4YBR" wrote:
>
> *waves* I''m heeeeeeeere -----> .
>
> When did you last send a message?
>
> --fred
>
> _____
>
> From: gmsk_dv_node@...m [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of joelandlouise@...
> Sent: Monday, January 07, 2013 7:04 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Message for Fred
>
>
>
>
> Hi I have been trying to get hold of Fred to no avail. Perhaps my e-mail
> ended up in the SPAM folder? I have a Moencomm board and wanted to get hold
> of the latest BETA firmware which I believe will improve the perfomance of
> my current set up using a Raspberry PI. (Lot's of posts seen about this)Is
> Fred on here or is anyone in contact with him??
>

9761. RE: [gmsk_dv_node] Re: Message for Fred

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-07 19:25:49 UTC
From: Fred PA4YBR
Topic: 9757 Message: 9761

I resent the message I sent last week, Joel, pse re-try off-list.

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of joelandlouise@...
Sent: Monday, January 07, 2013 7:53 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Message for Fred

23/12/12, my friend Shams also emailed you on my behalf between X-Mas and New Year.

I am using a Raspberry PI and could not get the board to work with G4KLX SW, since then I have managed to get it going with Freestar but get some R2D2 at the begining of overs amd believe the BETA firmware may fix it.

Regards,

G0URK
--- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>, "Fred PA4YBR" wrote:
>
> *waves* I''m heeeeeeeere -----> .
>
> When did you last send a message?
>
> --fred
>
> -----
>
> From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com> [mailto:gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>] On
> Behalf Of joelandlouise@...
> Sent: Monday, January 07, 2013 7:04 PM
> To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
> Subject: [gmsk_dv_node] Message for Fred
>
>
>
>
> Hi I have been trying to get hold of Fred to no avail. Perhaps my e-mail
> ended up in the SPAM folder? I have a Moencomm board and wanted to get hold

> of the latest BETA firmware which I believe will improve the perfomance of
> my current set up using a Raspberry PI. (Lot's of posts seen about this)Is
> Fred on here or is anyone in contact with him??
>

9762. Re: Message for Fred

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-07 19:37:42 UTC
From: joelandlouise@btopenworld.com
Topic: 9757 Message: 9762

Message sent in reply, seems initial e-maisl not getting through. Please elaborate about licence?

--- In gmsk_dv_node@yahoogroups.com, "Fred PA4YBR" wrote:
>
> I resent the message I sent last week, Joel, pse re-try off-list.
>
> --fred
>
> _____
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of joelandlouise@...
> Sent: Monday, January 07, 2013 7:53 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Re: Message for Fred
>
>
>
>
>
> 23/12/12, my friend Shams also emailed you on my behalf between X-Mas and
> New Year.
>
> I am using a Raspberry PI and could not get the board to work with G4KLX SW,
> since then I have managed to get it going with Freestar but get some R2D2 at
> the begining of overs amd believe the BETA firmware may fix it.
>
> Regards,
>
> G0URK
> --- In gmsk_dv_node@yahoogroups.com
> , "Fred PA4YBR" wrote:
> >
> > *waves* I''m heeeeeeeere -----> .
> >
> > When did you last send a message?
> >
> > --fred
> >
> > _____
> >
> > From: gmsk_dv_node@yahoogroups.com
> [mailto:gmsk_dv_node@yahoogroups.com
>] On

> > Behalf Of joelandlouise@
> > Sent: Monday, January 07, 2013 7:04 PM
> > To: gmsk_dv_node@yahoogroups.com
> > Subject: [gmsk_dv_node] Message for Fred
> >
> >
> >
> >
> > Hi I have been trying to get hold of Fred to no avail. Perhaps my e-mail
> > ended up in the SPAM folder? I have a Moencomm board and wanted to get
> hold
> > of the latest BETA firmware which I believe will improve the perfomance of
> > my current set up using a Raspberry PI. (Lot's of posts seen about this)Is
> > Fred on here or is anyone in contact with him??
> >
>

9763. WinDV vs DVAR HotSpot software

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-07 19:41:07 UTC
From: Doug KD4MOJ
Topic: 9763 Message: 9763

Greetings:

Seems my first mail didn't get to the list for some reason. I've been running Mark's DVAR HS software with no problem with Jim's StarBoard connected to my Kenwood TKR-820 repeater. No R2 or anything, just working good as usual.

I've recently installed WinDV since it has IRCDB support but for some reason connecting to any reflector, folks say I have alot of R2 on the signal.

I've basically setup Fred's software with the same settings as Mark's but something is still amiss and I cannot put my finger on it. Any suggestions on maybe some differences in software between the two that I should look at or might have missed that would cause this issue?

...DOUG
KD4MOJ

KJ4PYE HotSpot

9764. Re: Using Motorola MCS2000 with GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-07 20:45:38 UTC
From: dfwoodhouse@rocketmail.com
Topic: 9028 Message: 9764

Thank you,

The wiring was spot on, checked with NAWINcfg and took off the auto polarity and it now works. First test with the Read then Echo test before firing up the GMSKrepeater and IRCbbdGateway.

The beacon does not sound the location very well but the results were great.

Your help is greatly appreciated

73
David - G6ORL

--- In gmsk_dv_node@yahoogroups.com, Larry wrote:
>
> Hi
>
> I have successfully used the mcs2000 in d-star repeaters. Do not use
> pin 11 for datafeed it is filtered and not flat audio so not useable on
> dstar. I use pin25 which provides direct discriminator audio when
> VRM100 is enabled. Pin-outs are:
>
> Pin 24 - Tx audio
> Pin 10 - Gnd
> Pin 21- PTT
> Pin 25 - Rx data
> Pin 8 - COS (not required on some GMSK modems)
>
> 73 Larry vk5ly
>
>
> On 7/01/2013 8:07 AM, J. M. Moen wrote:
> >
> > David,
> >
> > I can't find a (free) manual for the MCS2000 on the internet, so I
> > can't help you there. If you have the cable wired up right and the
> > radio programmed right, maybe all you need to do is run NAWinCFG and
> > toggle the RX Invert setting?
> >
> > When you say COS is operating, I'm not sure what you mean. The
> > DUTCH*Star firmware is capable of figuring out when a valid GMSK
> > signal is being received ("Soft COS"), and it's more accurate for
> > D-Star purposes than using the radio's COS/SQL line. You've probably
> > already done this, but just in case, check out
> > http://www.moencomm.com/SBsettings.htm to be sure the board is

> > operating in the correct mode and Soft COS is active.
> >
> > If you've done all this and are sure it's a radio or cable thing, I'm
> > sorry I can't be of much help.
> >
> > Jim -- K6JM
> >
> > *From:*gmsk_dv_node@yahoogroups.com
> > [mailto:gmsk_dv_node@yahoogroups.com] *On Behalf Of
> > *dfwoodhouse@...
> > *Sent:* Sunday, January 06, 2013 7:30 AM
> > *To:* gmsk_dv_node@yahoogroups.com
> > *Subject:* [gmsk_dv_node] Re: Using Motorola MCS2000 with GMSK
> >
> > Hello,
> >
> > I am trying to get my gmsk to attach to the mcs2000, I am using pin 11
> > on the accessories connector to give me the discriminator feed and
> > have enabled vrm100. But nothing.
> >
> > The cos is operating but no decode, I only assume I have missed
> > something any clues?
> >
> > The gmsk is Moencom I have the cps and leads but cannot see what else
> > I could change..
> >
> > 73
> >
> > David G6ORL
> >
> > --- In gmsk_dv_node@yahoogroups.com
> > , "VK5ZEA" wrote:
> > >
> > > I've been working on this tonight and have successfully got a UHF
> > MCS2000 transmitting GMSK D-Star perfectly from a HotSpot board... if
> > my ID-31A can decode it, then something is right. I'll be setting the
> > deviation a bit more accurately with my service monitor tomorrow.
> > >
> > > Disable the pre/de-emphasis and enable VRM100. The main thing I
> > wanted to do was disable all the extraneous settings and leave only
> > what is required to make the MCS2000 work with GMSK.
> > >
> > > I've still got to work out why I can't get it to receive... I'm
> > using the discriminator out, might be a level issue. Time to crack out
> > the CRO.
> > >
> > > All in all a good step in the right direction.
> > >
> > > Michael.
> > > VK5ZEA

> > >
> > >
> > > --- In gmsk_dv_node@yahoogroups.com
> > , "wd8ocs" wrote:
> > > >
> > > > Hi Michael,
> > > >
> > > > I haven't tried that specific radio, but the rule of thumb with
> > Motorola radios is "If it supports DPL (Motorola's trade name for
> > DCS/DTCSS), it will do D-STAR". That radio supports DPL, as do most
> > Motorola radios made since the mid 80's. It has a direct FM modulator.
> > > > >
> > > > The only trick is finding the correct injection point. If you can
> > find a service manual, it should be easy.
> > > > >
> > > > 73,
> > > > >
> > > > Chris - WD8OCS
> > > > >
> > > > --- In gmsk_dv_node@yahoogroups.com
> > , "VK5ZEA" wrote:
> > > > > >
> > > > > Hi Everybody,
> > > > > >
> > > > > Has anyone here successfully used a Motorola MCS2000 radio with
> > a GMSK DV Node Adapter?
> > > > > >
> > > > > I've got a few that I am going to try and get working on 70cm.
> > > > > >
> > > > > Michael.
> > > > > VK5ZEA
> > > > > >
> > > > >
> > > >
> > >
> > >
>

9765. RE: [gmsk_dv_node] Message for Fred

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-07 23:42:52 UTC
From: J. M. Moen
Topic: 9757 Message: 9765

I’ve had no need for so-called resync, yet, at least. However, I know of a repeater on a lake with many inlets and surrounding hills, and resync would help in that environment.

Usually, poor performance, particular if close by, can be traced to the antenna or antenna height, though sometimes there are obstructions that bounce the signal around resulting in mulitipath, which is not good for digital transmissions.

If your gateway is not yet up on the mountain top, I’d predict performance will improve when you relocate. But it makes sense to fine tune all the settings now, which you are doing.

When using my current hotspot, which is in a valley and the antenna is not up high (antenna restrictions), I get pretty lousy performance close by. But if I go UP the hills (for the locals, this is the east side of the Oakland hills, near Orinda), looking down on the valley, I can hit it from 20 miles away, even though I’m running relatively low power.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of gary.k7ek@yahoo.com
Sent: Monday, January 07, 2013 10:28 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Message for Fred

I've also attempted to acquire a more recent version of firmware for my Star Board. Fred ignored every email and posting to his web page on the subject. You're not alone - Many others have experienced the same thing. I purchased a board with high expectations for its performance. As I understand it, what Fred's firmware lacks is RESYNC, without which we end up with a DSTAR Black Hole as some described it. So far my expectations of high performance have yet to be realized. That's pushing me toward boards from other companies which reportedly have the RESYNC feature and superior performance. Performance of my gateway is exceptionally poor, even as close as 2-3 miles away. I've adjusted some variables in my gateway config, which helped a bit, but general performance remains poor. It is critical that my gateway perform well as it will soon be providing DSTAR connectivity for my mountain top repeater. If anyone has an alternate firmware that will significantly improve Star Board performance, I'm all ears. Thanks...

Best regards,

Gary, K7EK

-----Original message-----

From: "joelandlouise@..." <joelandlouise@...>
To: gmsk_dv_node@yahoogroups.com
Sent: Mon, Jan 7, 2013 18:04:23 GMT+00:00
Subject: [gmsk_dv_node] Message for Fred

Hi I have been trying to get hold of Fred to no avail. Perhaps my e-mail ended up in the SPAM folder? I have a Moencomm board and wanted to get hold of the latest BETA firmware which I believe will improve the perfomance of my current set up using a Raspberry PI. (Lot's of posts seen about this)Is Fred on here or is anyone in contact with him??

9766. Re: Message for Fred

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-08 17:33:04 UTC
From: John
Topic: 9757 Message: 9766

Proper operation requires the 'beta' firmware from DUTCH*Star. In my experience, Fred has been good about sending copies to licensed users upon request.

Fred, any chance of promoting the beta to release? It's been in beta for a long, long time and might save some frustration for new installs.

--- In gmsk_dv_node@yahoogroups.com, "joelandlouise@..." wrote:
>
>
> 23/12/12, my friend Shams also emailed you on my behalf between X-Mas and New Year.
>
> I am using a Raspberry PI and could not get the board to work with G4KLX SW, since then I have managed to get it going with Freestar but get some R2D2 at the begining of overs amd believe the BETA firmware may fix it.
>
> Regards,
>
> G0URK

9767. Re: [gmsk_dv_node] Message for Fred

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-08 17:39:42 UTC
From: rstsystems
Topic: 9757 Message: 9767

hoi fred wanneer
sta je weer op een beurs
of kan ik een afspraak maken om een node adaptor op te halen
voor mijn expreiment op de dijk van lelystad naar enkhuizen
natuurlijk dstar hotspot op 433.1125
met een friendcom fc301
email retoer op rtamminga@...
Op Mon, 07 Jan 2013 19:08:32 +0100 schreef Fred PA4YBR
<fred@...>:

>
> *waves* I''m heeeeeeeere -----> .
>When did you last send a message?
>--fred
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
> On Behalf Of joelandlouise@...
> Sent: Monday, January 07, 2013 7:04 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Message for Fred
>
>
> Hi I have been trying to get hold of Fred to no avail. Perhaps my e-mail
> ended up in the SPAM folder? I have a Moencomm board and wanted to get
> >hold of the latest BETA firmware which I believe will improve the
> perfomance of my current set up using a Raspberry PI. (Lot's of posts
> seen about >this)Is Fred on here or is anyone in contact with him??
>
>

--
Gemaakt met Opera's revolutionaire e-mailprogramma:
http://www.opera.com/mail/

9768. RE: [gmsk_dv_node] Re: Message for Fred

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-08 17:41:24 UTC
From: Fred PA4YBR
Topic: 9757 Message: 9768

Yup, this month. Gotta finish the new NAtools first, as they are needed, too.

--f

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of John
Sent: Tuesday, January 08, 2013 6:33 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Message for Fred

Proper operation requires the 'beta' firmware from DUTCH*Star. In my experience, Fred has been good about sending copies to licensed users upon request.

Fred, any chance of promoting the beta to release? It's been in beta for a long, long time and might save some frustration for new installs.

--- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>, "joelandlouise@..." wrote:
>
>
> 23/12/12, my friend Shams also emailed you on my behalf between X-Mas and New Year.
>
> I am using a Raspberry PI and could not get the board to work with G4KLX SW, since then I have managed to get it going with Freestar but get some R2D2 at the begining of overs amd believe the BETA firmware may fix it.
>
> Regards,
>
> G0URK

9769. Re: [gmsk_dv_node] Re: Message for Fred

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-09 01:13:52 UTC
From: Terry Partigianoni
Topic: 9757 Message: 9769

he has sent me mine in a timely manner

TERRY
W5TMP

Sent from my iPhone

On Jan 8, 2013, at 11:33 AM, "John" <john@...> wrote:

> Proper operation requires the 'beta' firmware from DUTCH*Star. In my experience, Fred has been good about sending copies to licensed users upon request.
>
> Fred, any chance of promoting the beta to release? It's been in beta for a long, long time and might save some frustration for new installs.
>
> --- In gmsk_dv_node@yahoogroups.com, "joelandlouise@..." wrote:
> >
> >
> > 23/12/12, my friend Shams also emailed you on my behalf between X-Mas and New Year.
> >
> > I am using a Raspberry PI and could not get the board to work with G4KLX SW, since then I have managed to get it going with Freestar but get some R2D2 at the begining of overs amd believe the BETA firmware may fix it.
> >
> > Regards,
> >
> > G0URK
>
>

9770. gadget ircddb live windows

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-09 15:38:28 UTC
From: Perrin
Topic: 9770 Message: 9770

I introduce you my gadget ircddb live
for windows and soon Android

see this web page

http://radioamateurffp.wifeo.com/ircddb-live-gadget.php

Have nice day

F8FFP

9771. Satoshi Firmware ???

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-11 07:58:41 UTC
From: f5hcc
Topic: 9771 Message: 9771

Hello and Happy New Year to everybody !
It seems that some DV-Nodes, such as NQSMHS, can run with DutchStar Firmware or Satoshi Firmware.
Is it possible to get Satoshi Firmware to test ?
I know that it's against copyright, but as it's quite impossible to get a "true" Satoshi DV-Node...
Any idea welcome !
73 from Fabrice, F5HCC.

9772. Re: [gmsk_dv_node] Satoshi Firmware ???

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-11 14:49:14 UTC
From: Jim Thisdale
Topic: 9771 Message: 9772

the best way to get satoshi firmware os to contact satoshi for it. this
might not be the easiest way.

-Jim-
Visit my Pi running ircddb, dvrptr, Apache2 web-server & other things:
http://n1jmm.no-ip.org
http://n1jmm.no-ip.org/index.php

On 1/11/13 2:58 AM, f5hcc wrote:
> Hello and Happy New Year to everybody !
> It seems that some DV-Nodes, such as NQSMHS, can run with DutchStar Firmware or Satoshi
Firmware.
> Is it possible to get Satoshi Firmware to test ?
> I know that it's against copyright, but as it's quite impossible to get a "true" Satoshi
DV-Node...
> Any idea welcome !
> 73 from Fabrice, F5HCC.
>
>

9773. Flat audio yaesu VX-7R possible??

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-12 20:43:17 UTC
From: wilo_05
Topic: 9773 Message: 9773

Does anybody know if there is a way of getting/puttting flat audio on a Yaesu VX-7R?

I´m thinking about using it with a DV adapert if I find a way.

Miguel

9774. RE: [gmsk_dv_node] Flat audio yaesu VX-7R possible??

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-13 09:11:07 UTC
From: J. M. Moen
Topic: 9773 Message: 9774

Miguel,

I don☐t know the answer to your question, but I see on page 11 of the manual that they provide for an external TNC to do packet. I did not take the time to find and look at a schematic, but it seems to me this cable interface is for 1200 bps packet, and that the audio is filtered or processed, both during RX and TX.

The manual says you can adjust the receive audio level sent out to the TNC using the volume control, which makes me think that audio is going through the normal audio chain and will not be ☐flat.☐

But the most accurate answer will be found on the schematic. If that documented TNC interface isn☐t flat, of course you could study the schematic and ☐mod☐ the circuit board to tap into the discriminator for RX audio and to the modulator for TX audio. That is generally possible, but not always a lot of fun.

Hopefully someone else on this list has either done packet with the VX-7R, or has studied the schematic and can give you a more definite answer.

Jim ☐ K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of wilo_05
Sent: Saturday, January 12, 2013 12:43 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Flat audio yaesu VX-7R possible??
Does anybody know if there is a way of getting/puttting flat audio on a Yaesu VX-7R?

I´m thinking about using it with a DV adapert if I find a way.

Miguel

9775. RE: [gmsk_dv_node] Flat audio yaesu VX-7R possible??

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-13 11:02:10 UTC
From: Miguel S.
Topic: 9773 Message: 9775

Thanks a lot Jim for replying.

Yes, the manual don´t make any reference obout fast data transmission with the VX-7 and, as you say, averything points to it is processed audio, later on I found that the VX-8 does 9600, but VX-7 doesn´t.
I also found this info on how to tap into the discriminator http://www.hamgr.com/forum/index.php?topic=35.0 (scroll down almost to the end of the page) for those who could be interested in this issue but it isn´t seem to be very valuable, since the radio would not be submersible any more (and probably neither portable).

Anyway I´ll keep looking for the modulator modification.

Regards.

Miguel
EA1EZ.

9776. Help with Moencomm board and ID-31a

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-16 22:55:09 UTC
From: Matthew
Topic: 9776 Message: 9776

I am running a Kenwood 707a set to 9600baud. The computer has Windows 8. My DStar Radio is an Icom ID-31a.

The Echotest reads the header correctly. However, when the echo is broadcast, it sounds only like digital hash. (Also when it says that it is sending the call sign, there is only silence.)

I have tried changing polarity on the TX and RX. I have tried changing the TX pot.

I am not sure what else to change at this point! Any help would be much appreciated!

Matt
AD5GX

9777. Help with Starboard and ID-31a

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-16 21:21:12 UTC
From: Matthew
Topic: 9777 Message: 9777

Greetings,

I am running the Starboard through a TM-G707a under Windows 8 with an ID-31a.

When I do the Echotest, it reads the header correctly. However, the playback of the recorded audio is only digital hash. (And the callsign playback is silent.)

I have tried inverting the TX and RX and there is no change. I also tried various setting with the TX adjustment pot on the board.

I am not sure what else to change. I welcome any ideas/assistance!

Matt
AD5GX

9778. Re: [gmsk_dv_node] Help with Moencomm board and ID-31a

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-17 00:36:12 UTC
From: Tony Langdon, VK3JED
Topic: 9776 Message: 9778

At 09:55 AM 1/17/2013, you wrote:
>I am running a Kenwood 707a set to 9600baud. The computer has
>Windows 8. My DStar Radio is an Icom ID-31a.
>
>The Echotest reads the header correctly. However, when the echo is
>broadcast, it sounds only like digital hash. (Also when it says
>that it is sending the call sign, there is only silence.)
>
>I have tried changing polarity on the TX and RX. I have tried
>changing the TX pot.
>
>I am not sure what else to change at this point! Any help would be
>much appreciated!

I have used a GMSK modem with a 707A. You need to invert both Tx and Rx polarity. I set the Tx level so that the "hash" sounds as close as possible to that from an Icom radio. It's also possible you have some other issue as well, going by your description.

73 de VK3JED / VK3IRL
http://vkradio.com

9779. Re: Help with Moencomm board and ID-31a

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-17 01:37:53 UTC
From: Matthew
Topic: 9776 Message: 9779

I shall try some different levels with the Tx. When I invert the Rx, it doesn't decode the header. Since it is decoding the header, I am thinking that Rx is good to go. It is the Tx I think!

I suppose I need to create a matrix to keep track of different combinations!

73, de Matt

--- In gmsk_dv_node@yahoogroups.com, "Tony Langdon, VK3JED" wrote:
>
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> as possible to that from an Icom radio. It's also possible you have
> some other issue as well, going by your description.
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> 73 de VK3JED / VK3IRL
> http://vkradio.com
>

9780. Re: Help with Moencomm board and ID-31a

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-17 02:38:19 UTC
From: Matthew
Topic: 9776 Message: 9780

The echoed audio does sound different--there is a lower pitched sawtooth wave under the hash and some gaps in the audio. It sounds like pure static going in.

--- In gmsk_dv_node@yahoogroups.com, "Matthew" wrote:
>
> I shall try some different levels with the Tx. When I invert the Rx, it doesn't decode the header. Since it is decoding the header, I am thinking that Rx is good to go. It is the Tx I think!
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> I suppose I need to create a matrix to keep track of different combinations!
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> 73, de Matt
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> > as possible to that from an Icom radio. It's also possible you have
> > some other issue as well, going by your description.
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> > 73 de VK3JED / VK3IRL
> > http://vkradio.com
> >
>

9781. Re: Help with Moencomm board and ID-31a

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-19 03:47:52 UTC
From: wd8ocs
Topic: 9776 Message: 9781

The 31's are known to be more picky than other radios when it comes to adjusting hotspot TX levels. If you have access to a service monitor or a deviation meter of some kind, try to set the deviation between 1.2 and 1.5 KHz. Once you are there, play with the TX polarity setting.

Another option is to borrow a different model of D-Star radio and retry your adjustments. You will find it easier to get close with a less picky radio. Once you find the range over which you can adjust the pot and it works with another radio, you can fine tune within that range while listening with the 31.

Hope this helps!

--- In gmsk_dv_node@yahoogroups.com, "Matthew" wrote:
>
> The echoed audio does sound different--there is a lower pitched sawtooth wave under the hash and some gaps in the audio. It sounds like pure static going in.
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> --- In gmsk_dv_node@yahoogroups.com, "Matthew" wrote:
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> > 73, de Matt
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> > --- In gmsk_dv_node@yahoogroups.com, "Tony Langdon, VK3JED" wrote:
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> > > At 09:55 AM 1/17/2013, you wrote:
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> > > >The Echotest reads the header correctly. However, when the echo is
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> >
>

9782. Kenwood TK-805 wiring Help

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-23 11:28:52 UTC
From: kb0wd
Topic: 9782 Message: 9782

Anyone have wiring Info on the tk-805/tk705

73 Thanks Rich KB0WD

9783. Looking for a DVRPTR V1

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-24 06:12:19 UTC
From: Robert
Topic: 9783 Message: 9783

All,

I am on the hunt for a DVRPRT V1, preferably with the case. If you have
one available that you are willing to part with, please contact me off-list.

Thanks!

Robert
K5DTE

9784. Intermittent carrier with no audio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-26 21:22:35 UTC
From: n1toq@...
Topic: 9784 Message: 9784

Good day all! I have the Moen board set up with a Motorola gm300. I'm having a problem where the system is functioning perfectly then suddenly, I lose the audio. When I run the test, the rf is fine and when I run an echo test, the computer screen shows a playback but no audio. I've tired disconnecting the cable running from the board to the computer and no success. My Internet connection in the shack is wireless and slow which I am correcting but. I don't feel sure that this is the problem because I can surf the net with the computer with no trouble. Any suggestions? Tanks and 73.

9785. RE: [gmsk_dv_node] Intermittent carrier with no audio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-26 21:48:32 UTC
From: J. M. Moen
Topic: 9784 Message: 9785

Digital Voice apps are really real-time apps, whereas browsers can tolerate network pauses quite well.

You might want to test your system with a wired Ethernet connection, just to see if that's the cause of the problem. People do run hotspots successfully using wi-fi internet, but others have had problems and had to switch to wired.

Regarding your specific problem, when you say you "lose the audio," are you saying that while connected to a repeater or reflector and a person there is talking, your transmitter is keyed up but your D-Star radio hears nothing?

If it never worked, then I'd suggest toggling the TX Invert setting in the firmware. But if it works sometimes and not others, then perhaps RF is getting into the board.

But I'm stabbing in the dark here because I probably don't understand the problem yet. Give us some more details.

Thanks.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of n1toq@...
Sent: Saturday, January 26, 2013 1:23 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Intermittent carrier with no audio
Good day all! I have the Moen board set up with a Motorola gm300. I'm having a problem where the system is functioning perfectly then suddenly, I lose the audio. When I run the test, the rf is fine and when I run an echo test, the computer screen shows a playback but no audio. I've tired disconnecting the cable running from the board to the computer and no success. My Internet connection in the shack is wireless and slow which I am correcting but. I don't feel sure that this is the problem because I can surf the net with the computer with no trouble. Any suggestions? Tanks and 73.

9786. RE: [gmsk_dv_node] Intermittent carrier with no audio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-26 22:02:13 UTC
From: Fred PA4YBR
Topic: 9784 Message: 9786

Looks like the problem could be that in the Mode screen of NAWinCFG, he did not enable the RSSI monitoring.. that could cause TX without audio, as the TXDATA line will not be "pulsed".

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of J. M. Moen
Sent: Saturday, January 26, 2013 10:49 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Intermittent carrier with no audio

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If it never worked, then I'd suggest toggling the TX Invert setting in the firmware. But if it works sometimes and not others, then perhaps RF is getting into the board.

But I'm stabbing in the dark here because I probably don't understand the problem yet. Give us some more details.

Thanks.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of n1toq@...
Sent: Saturday, January 26, 2013 1:23 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Intermittent carrier with no audio

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9787. Re: Help with Moencomm board and ID-31a

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-27 00:18:00 UTC
From: Matthew
Topic: 9776 Message: 9787

Got it working! Jim with Moencomm was extremely diligent in working with me as we tried every possible solution.

It turned out that I needed to do the board mod and bridge a resistor. Works great now! I have successfully linked in to reflectors and had some great QSOs already.

The big clue came from listening to the D-31 signal and the echo on a third radio. The hotspot echo was significantly weaker than the D-31 transmit audio. This was a huge clue that the mod would work.

I can't describe the elation when it suddenly worked! I still had to adjust the tx trimpot. I hit the sweet spot just as the echo test broadcast ended, I only heard a beep. But when I heard that beep I instantly knew it was working!

The software side was a breeze (I was expecting trouble because I don't know much about routers, but some youtube videos made the port forwarding very easy to figure out.)

73!

Matt, AD5GX

--- In gmsk_dv_node@yahoogroups.com, "wd8ocs" wrote:
>
> The 31's are known to be more picky than other radios when it comes to adjusting hotspot TX levels. If you have access to a service monitor or a deviation meter of some kind, try to set the deviation between 1.2 and 1.5 KHz. Once you are there, play with the TX polarity setting.
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> Hope this helps!
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> > > > 73 de VK3JED / VK3IRL
> > > > http://vkradio.com
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> > > >
> > >
> >
>

9788. Re: Intermittent carrier with no audio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-27 01:07:48 UTC
From: n1toq@...
Topic: 9784 Message: 9788

Fred - the RSsi report is checked as well as tx invert. The RSsi squelch is set at 0. Jim- the problem is that I open the software, link to a reflector, and everything works fine. At any given moment, the receive audio disappears however I can see the S meter moving and if I listen through my dvap tuned to the same reflector, I can hear the activity perfectly. I've tried removing the USB cable that goes between the board and computer, shut down the software, then reconnect and start the software, I am can connect to the reflector then I may or may not hear any receive audio. I have a large cooling fan running behind the Motorola radio so it's kept nice and cool. Any advice would be greatly appreciated. Thanks to both of you for your support and 73.

--- In gmsk_dv_node@yahoogroups.com, "Fred PA4YBR" wrote:
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> Looks like the problem could be that in the Mode screen of NAWinCFG,
> he did not enable the RSSI monitoring.. that could cause TX without
> audio, as the TXDATA line will not be "pulsed".
>
> --fred
>
> _____
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of J. M. Moen
> Sent: Saturday, January 26, 2013 10:49 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: RE: [gmsk_dv_node] Intermittent carrier with no audio
>
>
>
>
>
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> Digital Voice apps are really real-time apps, whereas browsers can tolerate
> network pauses quite well.
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> see if that's the cause of the problem. People do run hotspots successfully
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> Regarding your specific problem, when you say you "lose the audio," are you
> saying that while connected to a repeater or reflector and a person there is
> talking, your transmitter is keyed up but your D-Star radio hears nothing?
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> If it never worked, then I'd suggest toggling the TX Invert setting in the
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> the computer screen shows a playback but no audio. I've tired disconnecting
> the cable running from the board to the computer and no success. My Internet
> connection in the shack is wireless and slow which I am correcting but. I
> don't feel sure that this is the problem because I can surf the net with the
> computer with no trouble. Any suggestions? Tanks and 73.
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9789. Re: Intermittent carrier with no audio One more piece of informAtion

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-27 01:09:55 UTC
From: n1toq@...
Topic: 9789 Message: 9789

When I lose the audio, the radio display shows that it's bouncing between DV and FM.

--- In gmsk_dv_node@yahoogroups.com, n1toq@... wrote:
>
> Fred - the RSsi report is checked as well as tx invert. The RSsi squelch is set at 0. Jim- the problem is that I open the software, link to a reflector, and everything works fine. At any given moment, the receive audio disappears however I can see the S meter moving and if I listen through my dvap tuned to the same reflector, I can hear the activity perfectly. I've tried removing the USB cable that goes between the board and computer, shut down the software, then reconnect and start the software, I am can connect to the reflector then I may or may not hear any receive audio. I have a large cooling fan running behind the Motorola radio so it's kept nice and cool. Any advice would be greatly appreciated. Thanks to both of you for your support and 73.
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> > --fred
> >
> > _____
> >
> > From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> > Behalf Of J. M. Moen
> > Sent: Saturday, January 26, 2013 10:49 PM
> > To: gmsk_dv_node@yahoogroups.com
> > Subject: RE: [gmsk_dv_node] Intermittent carrier with no audio
> >
> >
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> >
> >
> > Digital Voice apps are really real-time apps, whereas browsers can tolerate
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> > Regarding your specific problem, when you say you "lose the audio," are you
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> > talking, your transmitter is keyed up but your D-Star radio hears nothing?

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> > If it never worked, then I'd suggest toggling the TX Invert setting in the
> > firmware. But if it works sometimes and not others, then perhaps RF is
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> > To: gmsk_dv_node@yahoogroups.com
> > Subject: [gmsk_dv_node] Intermittent carrier with no audio
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> > computer with no trouble. Any suggestions? Tanks and 73.
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>

9790. RE: [gmsk_dv_node] Re: Intermittent carrier with no audio One more piece of informAtion

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-28 05:29:37 UTC
From: J. M. Moen
Topic: 9789 Message: 9790

I read back though your posts to be sure I understand your system. As I understand it, you did get your hotspot working with a Kenwood D700 as the analog radio. You have two HTs available, an 80ad and a 31a. You use wi-fi for your internet connection, though you were thinking of changing that.

You'd prefer to not tie up the D700 for this, and you are trying to move to a Motorola GM300.

At this point, the NAWinTEST RF Read works, but Echo Test is intermittent. Sometimes your D-Star radio can decode the transmission (not sure which HT you are using), but sometimes it cannot. I think that sometimes it starts out decoding, then it stops being able to decode. When the HT cannot decode, the radio is bouncing between DV and FM.

Note: Wi-fi can be an issue, but since the problem happens with NAWinTEST too, then we can eliminate wi-fi for now.

Assuming I understand the problem correctly, here are my comments. Some settings for a system are either correct or they're not. TX Invert, RSSI, etc. are either right or not for your setup, and since it works sometimes, you obviously have those correct. And since the board worked with a D700, it's likely the board is ok. The issue is probably related to the radio or how the board is configured to work with the radio.

Here are some common causes for what you are experiencing:
* Deviation is not quite right. For a GMSK modem-driven Hotspot, this usually means the TX audio level is not quite right. There can be a very narrow "sweet spot" you have to find where radios like the 31a are able to decode. In these cases, I use Echo Test and make a long transmission from my HT, so the playback will take a long time. As it's playing back, I *carefully* and slowly adjust the TX trimpot (R36 on the Star*Board) in slow, tiny increments until I find the optimal setting. Often this fixes the problem, sometimes not.
* Analog radio is transmitting slightly off frequency. I have personally experienced this with several MaxTrac radios (similar to the GM300). The experts suggest taking the cover off (need correct screwdrivers) and removing both boards and cleaning the pins on the connector of the two boards. That may fix the problem, or it may at least help. In one case, I was still off frequency enough to have things be very unreliable.
o Assuming you don't have access to a service monitor, a good test is to reduce the step increment on the HT to minimum, and in VFO mode listening to a long Echo Test playback, tune the HT up a bit and down a bit. In my case, I suddenly was able to decode on the HT by listening 5 KHz down from the intended TX frequency.

o If that proves to be true for your GM300, ideally you'd find someone with a service monitor and experience tuning GM300s. In my case, I found a brute-force solution. In the RSS software for this radio, there's a service "warp" adjustment to the reference oscillator. I was able to correct the TX frequency that way.
* Jumper JU-551 is not in the A position. A tells the radio to send out flat receive audio, B will de-emphasize the RX audio. I believe you've already checked this jumper.
* Board does not produce enough TX audio, even with the TX trimpot set to max. This is rare with MaxTracs and GM300s and most other analog radios. A few Kenwood radios require substantially more audio, and some people (most recently, Matt AD5GX) have solved that problem with a small mod to the board to jumper a resistor in the TX audio path. I seriously doubt this is your problem, but I list it just to be thorough.

I hope this gives you some ideas to pursue. I know it's frustrating when you are almost there, but not quite.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of n1toq@...
Sent: Saturday, January 26, 2013 5:10 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Intermittent carrier with no audio One more piece of informAtion
When I lose the audio, the radio display shows that it's bouncing between DV and FM.

--- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com> , n1toq@... wrote:
>
> Fred - the RSsi report is checked as well as tx invert. The RSsi squelch is set at 0. Jim- the problem is that I open the software, link to a reflector, and everything works fine. At any given moment, the receive audio disappears however I can see the S meter moving and if I listen through my dvap tuned to the same reflector, I can hear the activity perfectly. I've tried removing the USB cable that goes between the board and computer, shut down the software, then reconnect and start the software, I am can connect to the reflector then I may or may not hear any receive audio. I have a large cooling fan running behind the Motorola radio so it's kept nice and cool. Any advice would be greatly appreciated. Thanks to both of you for your support and 73.

9791. Re: [gmsk_dv_node] Re: Intermittent carrier with no audio One more piece of informAtion

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-28 14:23:34 UTC
From: Johnny
Topic: 9789 Message: 9791

Just a small suggestion, I had the same issue somewhat, and I was able to resolve that by coiling the rest of the USB cable going to the PC, at the board, and that fixed my problem. I did have snap on chokes on the USB cable, but that didn't do any good. Amazingly, coiling it worked.
Try that
73, Johnny, w5pfr

On Jan 27, 2013, at 11:29 PM, "J. M. Moen" <jim@...> wrote:

> I read back though your posts to be sure I understand your system. As I understand it, you did get your hotspot working with a Kenwood D700 as the analog radio. You have two HTs available, an 80ad and a 31a. You use wi-fi for your internet connection, though you were thinking of changing that.
>
> You'd prefer to not tie up the D700 for this, and you are trying to move to a Motorola GM300.
>
>
> At this point, the NAWinTEST RF Read works, but Echo Test is intermittent. Sometimes your D-Star radio can decode the transmission (not sure which HT you are using), but sometimes it cannot. I think that sometimes it starts out decoding, then it stops being able to decode. When the HT cannot decode, the radio is bouncing between DV and FM.
>
> Note: Wi-fi can be an issue, but since the problem happens with NAWinTEST too, then we can eliminate wi-fi for now.
>
>
> Assuming I understand the problem correctly, here are my comments. Some settings for a system are either correct or they're not. TX Invert, RSSI, etc. are either right or not for your setup, and since it works sometimes, you obviously have those correct. And since the board worked with a D700, it's likely the board is ok. The issue is probably related to the radio or how the board is configured to work with the radio.
>
>
> Here are some common causes for what you are experiencing:
>
> · Deviation is not quite right. For a GMSK modem-driven Hotspot, this usually means the TX audio level is not quite right. There can be a very narrow "sweet spot" you have to find where radios like the 31a are able to decode. In these cases, I use Echo Test and make a long transmission from my HT, so the playback will take a long time. As it's playing back, I *carefully* and slowly adjust the TX trimpot (R36 on the Star*Board) in slow, tiny increments until I find the optimal setting. Often this fixes the problem, sometimes not.
>
> · Analog radio is transmitting slightly off frequency. I have personally experienced this

with several MaxTrac radios (similar to the GM300). The experts suggest taking the cover off (need correct screwdrivers) and removing both boards and cleaning the pins on the connector of the two boards. That may fix the problem, or it may at least help. In one case, I was still off frequency enough to have things be very unreliable.
>
> o Assuming you don’t have access to a service monitor, a good test is to reduce the step increment on the HT to minimum, and in VFO mode listening to a long Echo Test playback, tune the HT up a bit and down a bit. In my case, I suddenly was able to decode on the HT by listening 5 KHz down from the intended TX frequency.
>
> o If that proves to be true for your GM300, ideally you’d find someone with a service monitor and experience tuning GM300s. In my case, I found a brute-force solution. In the RSS software for this radio, there’s a service “warp” adjustment to the reference oscillator. I was able to correct the TX frequency that way.
>
> · Jumper JU-551 is not in the A position. A tells the radio to send out flat receive audio, B will de-emphasize the RX audio. I believe you’ve already checked this jumper.
>
> · Board does not produce enough TX audio, even with the TX trimpot set to max. This is rare with MaxTracs and GM300s and most other analog radios. A few Kenwood radios require substantially more audio, and some people (most recently, Matt AD5GX) have solved that problem with a small mod to the board to jumper a resistor in the TX audio path. I seriously doubt this is your problem, but I list it just to be thorough.
>
>
> I hope this gives you some ideas to pursue. I know it’s frustrating when you are almost there, but not quite.
>
> Jim – K6JM
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of n1toq@...
> Sent: Saturday, January 26, 2013 5:10 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Re: Intermittent carrier with no audio One more piece of informAtion
>
> When I lose the audio, the radio display shows that it's bouncing between DV and FM.
>
> --- In gmsk_dv_node@yahoogroups.com, n1toq@... wrote:
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> > Fred - the RSsi report is checked as well as tx invert. The RSsi squelch is set at 0. Jim- the problem is that I open the software, link to a reflector, and everything works fine. At any given moment, the receive audio disappears however I can see the S meter moving and if I listen through my dvap tuned to the same reflector, I can hear the activity perfectly. I've tried removing the USB cable that goes between the board and computer, shut down the software, then reconnect and start the software, I am can connect to the reflector then I may or may not hear any receive audio. I have a large cooling fan running behind the Motorola radio so it's kept nice and cool. Any advice would be greatly appreciated. Thanks to both of you for your support and 73.
>

>
> Reply via web post Reply to sender Reply to group Start a New Topic Messages in this topic (2)

9792. win dv question regarding connecting to gateways

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-30 23:21:46 UTC
From: wx2pst
Topic: 9792 Message: 9792

I have a local repeater within about 45 miles from me. The ip address changes often on the gateway from the isp. I can connect to it anytime using the dvaptool software. The ip address changed in the middle of the night and i am still unable to connect to it over 14 hours now. The repeater owner checked everything should be working i tried using all 3 of the call sign servers same issue.

When i try to connect to the repeater on the windv it says tryin kc2gb b and after about 20 seconds it says gateway unlinked does anyone have any suggestions.

73's

Larry
wx2pst

9793. GMSK Modem , DUPLEX o HALF ??

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-01-31 20:28:24 UTC
From: pinojns
Topic: 9793 Message: 9793

Hi all
a question to the experts and GMSKrepeater DUTCH-STAR GMSK modem.
I have a repeater installed recently with a Raspeberry PI and ircddb kit, I using a GMSK modem, I set DUPLEX on software GMSKRepeater, but how do I configure the modem? I use FULL or HALF DUPLEX? Now in Full Duplex, modem sometimes enter into loops and switches continuously from TX to RX.
Any idea?
thanks
Pino IK1JNS

9794. Problems with GMSK boards and ID-51

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-03 20:49:56 UTC
From: AF6GL
Topic: 9794 Message: 9794

It seems that certain boards and or software packages have had problems working with the new ID-51. Just wondering if somewhere we a compiling a list of boards, issues, and fixes that have been applied?

Timothy
AF6GL

9795. Re: Problems with GMSK boards and ID-51

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-03 21:34:23 UTC
From: John D. Hays
Topic: 9794 Message: 9795

Based on experience with the ID-31, it's more likely that the board is set
too "hot", e.g. too much deviation. The newer radios have tighter filters
and over deviation on the radio the board is attached to will cause these
radios not to "hear" the transmission.

When you encounter this have the operator of the "hotspot" or
repeater<http://k7ve.org/blog/2010/06/converting-the-kenwood-tkr-820-to-use-with-d-star/>d
ial
back the transmit audio to approximately 1.2 khz deviation and try
again with the ID-51 (Maybe work with the operator using your ID-51 as a
test radio.)

John D. Hays
K7VE
PO Box 1223, Edmonds, WA 98020-1223
<http://k7ve.org/blog> <http://twitter.com/#!/john_hays>
<http://www.facebook.com/john.d.hays>

9796. RE: [gmsk_dv_node] Problems with GMSK boards and ID-51

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-03 22:45:44 UTC
From: J. M. Moen
Topic: 9794 Message: 9796

The suggestion from John K7VE highlights the most common problem we've see where a homebrew hotspot that works with older D-Star radios may have problems with newer ones like the 31 and probably the 51. The operator of the hotspot should ideally set the TX level using a service monitor, but a pretty effective approach is, as John suggests, to use the 31 (or probably the 51) as the test radio. The TX level should be *carefully* adjusted in tiny increments.

I friend lent me his homebrew repeater that uses a pair of Motorola MaxTrac radios. It worked fine with my 91AD and my older mobile radio, but his 31A could not decode.

In this case, there were two problems. First, the MaxTrac's reference oscillator over the years had gotten off frequency just enough so the 31A could not capture the GMSK modulated FM signal. My 91AD was way more tolerant. To prove this, I set the 31A's incremental tuning step to 5Khz, then I brought up the Echo Test program and recorded a long transmission. During playback, I was able to change the 31A's RX frequency and discovered it received better 5 Khz off the intended frequency (which is pretty bad).

After fixing that on the MaxTrac transmiter, I had to very slowly adjust the TX trimpot until the 31A was able to perfectly decode the DV signal.

We also have reports that certain analog radios require more drive that the highest level put out by the typical GMSK modem with the TX trimpot set to max. A simple mod to the GMSK board (bypassing a resistor in the TX audio path) fixed that. A few Kenwood radios or repeaters have needed the board mod. But most, including my D700, work fine (including talking to a 31A) with no mod.

So in general, if your newer D-Star radio doesn't work with your hotspot, and assuming it does work with older D-Star radios (this proves you have the radio configured for 9600 baud packet data, you have the RX and TX Invert settings right, etc), then I'd try the following in this order:
* Adjust the TX trimpot or TX audio level very carefully
* For older analog radios, check they are transmitting on frequency
* If all else fails, and this will rarely be needed, temporarily bypass the resistor that's inline from the TX trimpot to the connector going to the radio.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of AF6GL
Sent: Sunday, February 03, 2013 12:50 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Problems with GMSK boards and ID-51

It seems that certain boards and or software packages have had problems working with the new ID-51. Just wondering if somewhere we a compiling a list of boards, issues, and fixes that have been applied?

Timothy
AF6GL

9797. RE: [gmsk_dv_node] Problems with GMSK boards and ID-51

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-04 13:55:54 UTC
From: Ron Wright
Topic: 9794 Message: 9797

Jim and all,

I use a IFR1200 service monitor that has a scope to look at the DSTAR data. I find one can have lots of ringing if the data to the tx is not inserted properly. Mainly due to some txs are not made for DSTAR and they have some filtering on say the PL/DCS inputs affecting the 4800 Hz DSTAR data. Finding the best point to insert the data is key. I find for rcvr data the rcvr disc is always a good point to pick up the data.

I also find a good reference for adjusting the tx data level is using a ICOM DSTAR radio transmission as reference. Gives a pretty good calibration point. And of course due to narrow band rcv in DSTAR the tx needs to be on freq. Of course this should be with any repeater, analog or DSTAR.

I have never liked using a radio to adjust things. What works on one radio might not on another. I would have much more confidence in the service monitor being on freq and able to really look at the data. Of course the proof is in the pudding, but having good test equipment to really look at things is much more precise and quickly gives one where to look if things are not working.

If you do not have a service monitor then a scope on a rcvr's disc monitoring the tx being serviced would be another good place to pick up data for examination. One could use a cheap Radio Shack scanner for this again looking at the discrementator output. Here is pretty much untouched, non-filtered data.

73, ron, n9ee/r
Ron Wright, N9EE/RBSEEMicro Computer Concepts352-683-4476mccrpt@...

To: gmsk_dv_node@yahoogroups.com
From: jim@k6jm.com
Date: Sun, 3 Feb 2013 14:45:44 -0800
Subject: RE: [gmsk_dv_node] Problems with GMSK boards and ID-51

The suggestion from John K7VE highlights the most common problem we've see where a homebrew hotspot that works with older D-Star radios may have problems with newer ones like the 31 and probably the 51. The operator of the hotspot should ideally set the TX level using a service monitor, but a pretty effective approach is, as John suggests, to use the 31 (or probably the 51) as the test radio. The TX level should be *carefully* adjusted in tiny increments.

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· If all else fails, and this will rarely be needed, temporarily bypass the resistor that's inline from the TX trimpot to the connector going to the radio.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of AF6GL

Sent: Sunday, February 03, 2013 12:50 PM

To: gmsk_dv_node@yahoogroups.com

Subject: [gmsk_dv_node] Problems with GMSK boards and ID-51

It seems that certain boards and or software packages have had problems working with the new ID-51. Just wondering if somewhere we a compiling a list of boards, issues, and fixes that have been applied?

Timothy

AF6GL

9798. Voice Prompts

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-04 19:22:03 UTC
From: Dealmeister
Topic: 9798 Message: 9798

Wondering if there's a way to convert .wav files to .dv without a DV Dongle. I noted wav2ambe can do this, but requires a DvDongle.

I'd like to convert a few .wav files for use in my Dutchstar hotspot.

Any thoughts appreciated. 73 Chris KB1RXA

9799. Re: [gmsk_dv_node] Voice Prompts

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-04 19:31:06 UTC
From: Rudy Benner
Topic: 9798 Message: 9799

What a neat idea.

Where can we find this wav2ambe file?

http://villazeebries.krbonne.net/hamstuff/?p=16

I have a DV DONGLE.

ve3bdr rudy

From: Dealmeister
Sent: Monday, February 04, 2013 2:22 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Voice Prompts

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Any thoughts appreciated. 73 Chris KB1RXA

9800. RE: [gmsk_dv_node] Problems with GMSK boards and ID-51

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-04 20:48:06 UTC
From: J. M. Moen
Topic: 9794 Message: 9800

Ron,

Thanks for the post. I agree with your points.

It's also true that many hams don't have access to a good service monitor. This is especially true when they are setting up a simplex hotspot, but also many of us set up "garage" lower power repeaters and may not have a service monitor. So we do what we can to get a clean, workable system.

For people using a normal transceiver as their analog radio, the 9600 baud packet data port nearly always gives direct access to the discriminator and delivers the TX audio directly to the modulator. When using other kinds of radios, people need to study the schematic to find the right points to tap in while avoiding audio filtering or processing.

Deviation and the TX audio level become even more important with the newer D-Star radios like the 31 and 51. That's probably good, since these radios will force all of us to do a better job of setting up our systems.

Again, thanks for the post.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Ron Wright
Sent: Monday, February 04, 2013 5:56 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Problems with GMSK boards and ID-51

Jim and all,

I use a IFR1200 service monitor that has a scope to look at the DSTAR data. I find one can have lots of ringing if the data to the tx is not inserted properly. Mainly due to some txs are not made for DSTAR and they have some filtering on say the PL/DCS inputs affecting the 4800 Hz DSTAR data. Finding the best point to insert the data is key. I find for rcvr data the rcvr disc is always a good point to pick up the data.

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73, ron, n9ee/r

Ron Wright, N9EE/R
BSEE
Micro Computer Concepts
352-683-4476
mccrpt@...
·–’–––

9801. Re: Voice Prompts

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-04 23:15:43 UTC
From: John D. Hays
Topic: 9798 Message: 9801

There must be an AMBE encoder in the path -- the DVDongle is the most
common solution.

John D. Hays
K7VE
PO Box 1223, Edmonds, WA 98020-1223
<http://k7ve.org/blog> <http://twitter.com/#!/john_hays>
<http://www.facebook.com/john.d.hays>

9802. RE: [gmsk_dv_node] Problems with GMSK boards and ID-51

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-04 23:24:49 UTC
From: Ron Wright
Topic: 9794 Message: 9802

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Ron Wright, N9EE/RBSEEMicro Computer Concepts352-683-4476mccrpt@...

To: gmsk_dv_node@yahoogroups.com
From: jim@...
Date: Sun, 3 Feb 2013 14:45:44 -0800
Subject: RE: [gmsk_dv_node] Problems with GMSK boards and ID-51

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Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of AF6GL

Sent: Sunday, February 03, 2013 12:50 PM

To: gmsk_dv_node@yahoogroups.com

Subject: [gmsk_dv_node] Problems with GMSK boards and ID-51

It seems that certain boards and or software packages have had problems working with the new ID-51. Just wondering if somewhere we a compiling a list of boards, issues, and fixes that have been applied?

Timothy

AF6GL

9803. Re: Voice Prompts

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-05 01:56:12 UTC
From: Dealmeister
Topic: 9798 Message: 9803

Thank you John...so...no software capabilities here if I am reading betwixt the lines.
Thanks

--- In gmsk_dv_node@yahoogroups.com, "John D. Hays" wrote:
>
> There must be an AMBE encoder in the path -- the DVDongle is the most
> common solution.
>
> ------------------------------
> John D. Hays
> K7VE
> PO Box 1223, Edmonds, WA 98020-1223
>
>
>

9804. RE: [gmsk_dv_node] Re: Voice Prompts

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-05 06:20:46 UTC
From: J. M. Moen
Topic: 9798 Message: 9804

No free software possibilities. Each D-Star radio contains a $25 chip with the AMBE CODEC (software) used to compress/encrypt or decompress/decrypt the digital audio stream. If you want to process that stream on your own computer, it needs access to that CODEC, and the only practical way to get access is to have the AMBE chip available to the audio processing software you are using. As John wrote, the normal way to do that is to use a DV Dongle..

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Dealmeister
Sent: Monday, February 04, 2013 5:56 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Voice Prompts
Thank you John...so...no software capabilities here if I am reading betwixt the lines. Thanks

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> John D. Hays
> K7VE
> PO Box 1223, Edmonds, WA 98020-1223

9805. AMBE technology (RE: Voice Prompts)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-05 13:51:50 UTC
From: Fred PA4YBR
Topic: 9798 Message: 9805

Chris,

In digital voice radio systems (D-STAR included) the (analog) audio is converted to digital format by a CODEC (COderDECoder) module, usually a chip of sorts. Because the resulting digital data stream is quite large, it has to be compressed before it can be transmitted over the air, and that is where the "audio compressor/decompressor" module comes in, usually another chip. The other way around, the received digital data is first decompressed to "normal" digital format, and then converted back to analog so it can be heard. Contrary to common belief, it is NOT the "codec" chip that is the "heart" of such systems, but it is the "compressor" chip.

The D-STAR system is built around the AMBE-2020 compressor chip made by DVSI Inc. This chip is also used in a number of satellite phone systems, the IIS space station and other "important" systems. Its successor chips (AMBE-2000+ and AMBE-3000) are used in many other new digital radio systems, so, in other words, it's a module that has already been proven "in the field" for many years.

Now... there's one issue here. DVSI obviously would like to make some money so they can actually pay their engineers, sales folks and lunchroom personnel, and so they charge money for the right to use their technology.

This "right" can be in two ways:

- you buy one of their chips, and that gives you the right to actually use it
in your system. Yeah, seriously! :-) It doesn't allow you to know how it works inside the chip, but as a system designer, you would not care anyway, as long as it does what it is supposed to do, eh?

This is what for example Icom did: some of their radios have to be fitted with an add-on module (UT-115, UT-118, UT-121, UT-123 etc) to have it do D-STAR: the board simply has the CODEC, the AMBE and some additional parts that make it work.

- you buy a license on their design ("an IP (Intellectual Property) license")
and then you get all the data needed to use the *technology* in your own system. This can be done by implementing the technology in a chip of your own (usually a DSP chip), or you could implement it fully in software.

This is what Icom did in their newer (ID-31 and up) radios: they replaced the AMBE-2020 chip with software programmed into their own DSP chip, most likely to save space on the PCB, and not because of cost, as the

AMBE-2020 chip is relatively large.

Obviously, the second method will be, uhhh, slightly more expensive, but hey, you WILL get enough stuff to be busy for many, many weekends :-)

Another pro of the second method is that you will receive an implementation of the AMBE-2000 system in software, so it can be run on, for example, a PC.

NOTE: before everyone starts hyperventilating now.... SETTLE DOWN

The software implementation is guarded like the crown jewels, and requires about half a book worth of legal paperwork and accompanying signatures, so don't even think about it. Maybe someday, when they have paid off the balance on developing the technology, they'll ease up on the software license,
but I won't hold my breath... blue lips don't work well for me.

Now, that being said...

There IS a solution.

Your (analog) audio can still be converted for use with a D-STAR system, for example when used as voice prompts for a node.

What I did in the past:

- grab a D-STAR radio (preferrably an HT with a good speaker mic) and use it to record your message "into" a Hotspot. The hotspot (DVAP, node adapter, DVRPTR board, etc etc) has the ability to "record" any transmission it hears,
and the resulting file is exactly what we need as a voice prompt.

- more flexible is if you first record the message using any method available, as
long as it results in a digital audio file (WAV, MP3, OGG etc etc.) You then
use a software package of choice to convert that file into a (compressed) file
suitable for D-STAR.

"What? But you just SAID.... no software.... !"

Ohyeah. Those software packages, in ALL cases, require the use of an AMBE-2020
chip for the actual compression (or decompression) of the file. Options are using
Robin Cutshaw's DV-Dongle, the DVRPTR board from Germany, my own board, or any other "D-STAR project" board that includes an AMBE chip. The firmware
in these boards usually allows the board to also be used "just" for conversion.

Unless you have one of those boards, the software won't help you, so I'd advise
to first play with the first option.

Cheers,

Fred PA4YBR

9806. Re: AMBE technology (RE: Voice Prompts)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-05 15:04:29 UTC
From: Dealmeister
Topic: 9798 Message: 9806

Thanks Fred - greatly appreciated! Chris KB1RXA

--- In gmsk_dv_node@yahoogroups.com, "Fred PA4YBR" wrote:
>
> Chris,
>
> In digital voice radio systems (D-STAR included) the (analog) audio is
> converted to digital format by a CODEC (COderDECoder) module, usually
> a chip of sorts. Because the resulting digital data stream is quite large,
> it has to be compressed before it can be transmitted over the air, and
> that is where the "audio compressor/decompressor" module comes in,
> usually another chip. The other way around, the received digital data
> is first decompressed to "normal" digital format, and then converted
> back to analog so it can be heard. Contrary to common belief, it is
> NOT the "codec" chip that is the "heart" of such systems, but it is
> the "compressor" chip.
>
> The D-STAR system is built around the AMBE-2020 compressor chip
> made by DVSI Inc. This chip is also used in a number of satellite phone
> systems, the IIS space station and other "important" systems. Its
> successor chips (AMBE-2000+ and AMBE-3000) are used in many
> other new digital radio systems, so, in other words, it's a module that
> has already been proven "in the field" for many years.
>
> Now... there's one issue here. DVSI obviously would like to make some
> money so they can actually pay their engineers, sales folks and lunchroom
> personnel, and so they charge money for the right to use their technology.
>
> This "right" can be in two ways:
>
> - you buy one of their chips, and that gives you the right to actually use
> it
> in your system. Yeah, seriously! :-) It doesn't allow you to know how it
> works inside the chip, but as a system designer, you would not care
> anyway, as long as it does what it is supposed to do, eh?
>
> This is what for example Icom did: some of their radios have to be fitted
> with an add-on module (UT-115, UT-118, UT-121, UT-123 etc) to have it
> do D-STAR: the board simply has the CODEC, the AMBE and some
> additional parts that make it work.
>
> - you buy a license on their design ("an IP (Intellectual Property)
> license")
> and then you get all the data needed to use the *technology* in your
> own system. This can be done by implementing the technology in a

> chip of your own (usually a DSP chip), or you could implement it fully
> in software.
>
> This is what Icom did in their newer (ID-31 and up) radios: they replaced
> the AMBE-2020 chip with software programmed into their own DSP chip,
> most likely to save space on the PCB, and not because of cost, as the
> AMBE-2020 chip is relatively large.
>
> Obviously, the second method will be, uhhh, slightly more expensive, but
> hey, you WILL get enough stuff to be busy for many, many weekends :-)
>
> Another pro of the second method is that you will receive an implementation
> of the AMBE-2000 system in software, so it can be run on, for example, a
> PC.
>
> NOTE: before everyone starts hyperventilating now.... SETTLE DOWN
>
> The software implementation is guarded like the crown jewels, and requires
> about half a book worth of legal paperwork and accompanying signatures,
> so don't even think about it. Maybe someday, when they have paid off the
> balance on developing the technology, they'll ease up on the software
> license,
> but I won't hold my breath... blue lips don't work well for me.
>
> Now, that being said...
>
> There IS a solution.
>
> Your (analog) audio can still be converted for use with a D-STAR system, for
> example when used as voice prompts for a node.
>
> What I did in the past:
>
> - grab a D-STAR radio (preferrably an HT with a good speaker mic) and use it
> to record your message "into" a Hotspot. The hotspot (DVAP, node adapter,
> DVRPTR board, etc etc) has the ability to "record" any transmission it
> hears,
> and the resulting file is exactly what we need as a voice prompt.
>
> - more flexible is if you first record the message using any method
> available, as
> long as it results in a digital audio file (WAV, MP3, OGG etc etc.) You
> then
> use a software package of choice to convert that file into a (compressed)
> file
> suitable for D-STAR.
>
> "What? But you just SAID.... no software.... !"
>
> Ohyeah. Those software packages, in ALL cases, require the use of an

> AMBE-2020
> chip for the actual compression (or decompression) of the file. Options are
> using
> Robin Cutshaw's DV-Dongle, the DVRPTR board from Germany, my own board,
> or any other "D-STAR project" board that includes an AMBE chip. The
> firmware
> in these boards usually allows the board to also be used "just" for
> conversion.
>
> Unless you have one of those boards, the software won't help you, so I'd
> advise
> to first play with the first option.
>
> Cheers,
>
> Fred PA4YBR
>

9807. Re: Help with Moencomm board and ID-31a

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-09 08:11:23 UTC
From: wd8ocs
Topic: 9776 Message: 9807

Congrats! Jim is not known to give up. Glad to hear you stuck it out and now, you can enjoy the fruits of your labor!

--- In gmsk_dv_node@yahoogroups.com, "Matthew" wrote:
>
> Got it working! Jim with Moencomm was extremely diligent in working with me as we tried every possible solution.
>
> It turned out that I needed to do the board mod and bridge a resistor. Works great now! I have successfully linked in to reflectors and had some great QSOs already.
>
> The big clue came from listening to the D-31 signal and the echo on a third radio. The hotspot echo was significantly weaker than the D-31 transmit audio. This was a huge clue that the mod would work.
>
> I can't describe the elation when it suddenly worked! I still had to adjust the tx trimpot. I hit the sweet spot just as the echo test broadcast ended, I only heard a beep. But when I heard that beep I instantly knew it was working!
>
> The software side was a breeze (I was expecting trouble because I don't know much about routers, but some youtube videos made the port forwarding very easy to figure out.)
>
> 73!
>
> Matt, AD5GX
>
> --- In gmsk_dv_node@yahoogroups.com, "wd8ocs" wrote:
> >
> > The 31's are known to be more picky than other radios when it comes to adjusting hotspot TX levels. If you have access to a service monitor or a deviation meter of some kind, try to set the deviation between 1.2 and 1.5 KHz. Once you are there, play with the TX polarity setting.
> >
> > Another option is to borrow a different model of D-Star radio and retry your adjustments. You will find it easier to get close with a less picky radio. Once you find the range over which you can adjust the pot and it works with another radio, you can fine tune within that range while listening with the 31.
> >
> > Hope this helps!
> >
> > --- In gmsk_dv_node@yahoogroups.com, "Matthew" wrote:
> > >
> > > The echoed audio does sound different--there is a lower pitched sawtooth wave under the hash and some gaps in the audio. It sounds like pure static going in.
> > >

> > > --- In gmsk_dv_node@yahoogroups.com, "Matthew" wrote:
> > > >
> > > > I shall try some different levels with the Tx. When I invert the Rx, it doesn't decode the header. Since it is decoding the header, I am thinking that Rx is good to go. It is the Tx I think!
> > > >
> > > > I suppose I need to create a matrix to keep track of different combinations!
> > > >
> > > > 73, de Matt
> > > >
> > > > --- In gmsk_dv_node@yahoogroups.com, "Tony Langdon, VK3JED" wrote:
> > > > >
> > > > > At 09:55 AM 1/17/2013, you wrote:
> > > > > >I am running a Kenwood 707a set to 9600baud. The computer has
> > > > > >Windows 8. My DStar Radio is an Icom ID-31a.
> > > > > >
> > > > > >The Echotest reads the header correctly. However, when the echo is
> > > > > >broadcast, it sounds only like digital hash. (Also when it says
> > > > > >that it is sending the call sign, there is only silence.)
> > > > > >
> > > > > >I have tried changing polarity on the TX and RX. I have tried
> > > > > >changing the TX pot.
> > > > > >
> > > > > >I am not sure what else to change at this point! Any help would be
> > > > > >much appreciated!
> > > > >
> > > > > I have used a GMSK modem with a 707A. You need to invert both Tx and
> > > > > Rx polarity. I set the Tx level so that the "hash" sounds as close
> > > > > as possible to that from an Icom radio. It's also possible you have
> > > > > some other issue as well, going by your description.
> > > > >
> > > > > 73 de VK3JED / VK3IRL
> > > > > http://vkradio.com
> > > > >
> > > >
> > > >
> > >
> >
>

9808. ID31A and my MOENCOMM STAR BOARD

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-10 05:37:54 UTC
From: chuckn4ued
Topic: 9808 Message: 9808

I just purchased my ID31 . Great little radio . I ordered the 5/8 wave UHF duck from Smiley Antennas . The antenna works fantastic . The ID31 works great with my MOENCOMM STAR BOARD . My Star Board is connected to a UHF Motorola mobile . I get outstanding range with the external antenna with the hot spot . Audio reports are just fine . I also use the 92AD and the 880H with the MOENBOARD .
Have fun and enjoy ham radio .
Chuck N4UED

9810. Re: [gmsk_dv_node] (unknown)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-10 21:35:57 UTC
From: Perry Chamberlain
Topic: 9810 Message: 9810

Kick!

Sent from my iPad

On Feb 10, 2013, at 8:49 AM, Mark Thompson <wb9qzb_groups@...> wrote:

> Hello!
>
> http://yandupisland.com/zfkzbx/e04vlptjd1mq8g5xu8ex74yoefrao9b4sngx6fh4bp
>
>

9811. Starboard Power Consumption

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-11 13:13:07 UTC
From: Robert
Topic: 9811 Message: 9811

All,

I am interested in knowing what the power consumption of the Moencomm Starboard is to determine if it can be powered directly off of a Raspberry Pi?

I'm trying to determine if the Pi can handle both a Starboard and a USB Wifi NIC at the same time. Any tips or experiences on this?

Robert
K5DTE

9812. Re: Starboard Power Consumption

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-11 13:22:00 UTC
From: w5pfr
Topic: 9811 Message: 9812

--- In gmsk_dv_node@yahoogroups.com, Robert wrote:
>
> All,
>
> I am interested in knowing what the power consumption of the Moencomm
> Starboard is to determine if it can be powered directly off of a Raspberry
> Pi?
>
> I'm trying to determine if the Pi can handle both a Starboard and a USB
> Wifi NIC at the same time. Any tips or experiences on this?
>
> Robert
> K5DTE
>

Yes, I am wondering about that my self, but I will be running two starboards with mine.
Wonder if it will be ok?
Johnny
W5pfr

9813. RE: [gmsk_dv_node] Starboard Power Consumption

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-11 15:08:42 UTC
From: Ted Wrobel
Topic: 9811 Message: 9813

Since the Pi itself needs about 650 ma it seems unlikely you can run much else off the Pi unless you use a greater than one amp supply.

Seems a powered hub is a better choice.

73
Ted
W1GRI

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Robert
Sent: Monday, February 11, 2013 8:13 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Starboard Power Consumption

All,

I am interested in knowing what the power consumption of the Moencomm Starboard is to determine if it can be powered directly off of a Raspberry Pi?

I'm trying to determine if the Pi can handle both a Starboard and a USB Wifi NIC at the same time. Any tips or experiences on this?

Robert
K5DTE

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1430 / Virus Database: 2639/5596 - Release Date: 02/11/13

9814. Re: [gmsk_dv_node] Starboard Power Consumption

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-11 15:28:58 UTC
From: Perry Chamberlain
Topic: 9811 Message: 9814

You need a powered hub.
The PI can barely power itself.
You are pushing it using a bluetooth dongle.
The moen board would crash.
Two moen boards, and I doubt the PI would even boot up.
Get a powered hub with a minimum 2 amp power suppy.
Don't scrimp.
ADAFRUIT.COM, sells a good one, very inexpensive.

Good luck.

Sent from my iPad

On Feb 11, 2013, at 7:08 AM, "Ted Wrobel" <twrobel@...> wrote:

> Since the Pi itself needs about 650 ma it seems unlikely you can run much else off the Pi unless you use a greater than one amp supply.
>
> Seems a powered hub is a better choice.
>
> 73
> Ted
> W1GRI
>
>
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Robert
> Sent: Monday, February 11, 2013 8:13 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Starboard Power Consumption
>
>
> All,
>
> I am interested in knowing what the power consumption of the Moencomm Starboard is to determine if it can be powered directly off of a Raspberry Pi?
>
> I'm trying to determine if the Pi can handle both a Starboard and a USB Wifi NIC at the same time. Any tips or experiences on this?
>
> Robert
> K5DTE
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 10.0.1430 / Virus Database: 2639/5596 - Release Date: 02/11/13

>
>

9815. Re: [gmsk_dv_node] Starboard Power Consumption

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-11 17:33:40 UTC
From: Fran Miele
Topic: 9811 Message: 9815

I would use a powered USB HUB just to be safe

--Fran

<http://s.wisestamp.com/links?url=http%3A%2F%2Fwww.ccdl.us%2F>
<http://s.wisestamp.com/links?url=http%3A%2F%2Fwww.miele-family.com%2Fweather>

IMPORTANT: The contents of this email and any attachments are confidential.
They are intended for the named recipient(s) only. If you have received
this email by mistake, please notify the sender immediately and do not
disclose the contents to anyone or make copies thereof.

On Mon, Feb 11, 2013 at 10:08 AM, Ted Wrobel <twrobel@...>wrote:

> **
>
>
> **
> Since the Pi itself needs about 650 ma it seems unlikely you can run much
> else off the Pi unless you use a greater than one amp supply.
>
> Seems a powered hub is a better choice.
>
>
> 73
> Ted
> W1GRI
>
>
> ------------------------------
> *From:* gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
> *On Behalf Of *Robert
> *Sent:* Monday, February 11, 2013 8:13 AM
> *To:* gmsk_dv_node@yahoogroups.com
> *Subject:* [gmsk_dv_node] Starboard Power Consumption
>
>
>
> All,
>
> I am interested in knowing what the power consumption of the Moencomm
> Starboard is to determine if it can be powered directly off of a Raspberry
> Pi?
>
> I'm trying to determine if the Pi can handle both a Starboard and a USB
> Wifi NIC at the same time. Any tips or experiences on this?

>
> Robert
> K5DTE
>
> ------------------------------
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 10.0.1430 / Virus Database: 2639/5596 - Release Date: 02/11/13
>
>
>

9816. Re: Starboard Power Consumption

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-11 20:18:56 UTC
From: bertojg
Topic: 9811 Message: 9816

Thanks everyone!

I have one, with a 2.5A supply, just trying to simplify things.. More components equates to more points of failure.

Robert
K5DTE

--- In gmsk_dv_node@yahoogroups.com, Fran Miele wrote:
>
> I would use a powered USB HUB just to be safe
>
> --Fran
>
>
>
>
>
>
>
> IMPORTANT: The contents of this email and any attachments are confidential.
> They are intended for the named recipient(s) only. If you have received
> this email by mistake, please notify the sender immediately and do not
> disclose the contents to anyone or make copies thereof.
>
>
> On Mon, Feb 11, 2013 at 10:08 AM, Ted Wrobel wrote:
>
> > **
> > >
> > >
> > > **
> > > Since the Pi itself needs about 650 ma it seems unlikely you can run much
> > > else off the Pi unless you use a greater than one amp supply.
> > >
> > > Seems a powered hub is a better choice.
> > >
> > >
> > > 73
> > > Ted
> > > W1GRI
> > >
> > >
> > > ------------------------------
> > > *From:* gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
> > > *On Behalf Of *Robert

> > *Sent:* Monday, February 11, 2013 8:13 AM
> > *To:* gmsk_dv_node@yahoogroups.com
> > *Subject:* [gmsk_dv_node] Starboard Power Consumption
> >
> >
> >
> > All,
> >
> > I am interested in knowing what the power consumption of the Moencomm
> > Starboard is to determine if it can be powered directly off of a Raspberry
> > Pi?
> >
> > I'm trying to determine if the Pi can handle both a Starboard and a USB
> > Wifi NIC at the same time. Any tips or experiences on this?
> >
> > Robert
> > K5DTE
> >
> > ------------------------------
> >
> > No virus found in this message.
> > Checked by AVG - www.avg.com
> > Version: 10.0.1430 / Virus Database: 2639/5596 - Release Date: 02/11/13
> >
> >
> >
>

9817. Kenwood D700 Dutch*Star Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-14 01:39:46 UTC
From: jeff d
Topic: 9817 Message: 9817

I am trying to get the D700 to work with this board to no avail. It works perfectly on receive and I can decode all day long. But if I use the Echo or try and connect to a reflector the board shows it is keying up the PTT but the radio does not key up.

I have checked the connections. tried the radio on both A and B and using TNC on and off with no change.

Anyone have any suggestions?

Thanks

9818. Re: [gmsk_dv_node] Kenwood D700 Dutch*Star Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-14 10:52:31 UTC
From: <mccrpt@...>
Topic: 9817 Message: 9818

I've used the Dutch Star board with a Kenwood TS-271 for a remote HotSpot and it worked great. Kenwood provided solder pads inside for connections. On some rigs they bring out to a connector, but not on the 271, but the connections are there.

I would recommend actually monitoring the PTT line, pin 4 of the DB9, with a voltmeter, scope is better, to make sure the Dutch Star board is actually trying to key the rig. The PTT goes thru a buffer transistor, Q1 and a 47k resistor. This 47k seems very high to allow the transistor to get much base current to give enough drive to the PTT so if you rig has relay or requires some current to key the radio it might not have enough drive although I do not think this would be a problem in todays modern rigs. Another test is to physically ground the PTT with a jumper wire to make sure the rig will key from your connections...ground at DB9 pin4. This will NOT damage the Dutch Star board for it is open collector output.

--
73, ron, n9ee/r

Ron Wright, N9EE
BSEE
Micro Computer Concepts
352-683-4476

---- jeff d <jeff.dale@...> wrote:
> I am trying to get the D700 to work with this board to no avail. It works perfectly on receive and I can decode all day long. But if I use the Echo or try and connect to a reflector the board shows it is keying up the PTT but the radio does not key up.
>
> I have checked the connections. tried the radio on both A and B and using TNC on and off with no change.
>
> Anyone have any suggestions?
>
> Thanks
>

9819. Re: [gmsk_dv_node] Kenwood D700 Dutch*Star Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-14 11:51:05 UTC
From: Dave-KB1PVH
Topic: 9817 Message: 9819

Make sure the D700 is in PKT and you have packet set to 9600.

Dave-KB1PVH

Sent from my Verizon Wireless 4G LTE DROID

jeff d <jeff.dale@gmail.com> wrote:

>I am trying to get the D700 to work with this board to no avail. It works perfectly on receive and I can decode all day long. But if I use the Echo or try and connect to a reflector the board shows it is keying up the PTT but the radio does not key up.
>
>I have checked the connections. tried the radio on both A and B and using TNC on and off with no change.
>
>Anyone have any suggestions?
>
>Thanks
>

9820. Switches on V7 Satoshi Board ???

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-14 13:44:14 UTC
From: f5hcc
Topic: 9820 Message: 9820

Hello,
How can I locate the 3 switches "FWUPD", "RESET" and "INIT" on my Satoshi V7 board ?
I can see 3 switches (pink, white and blue), but there is no indication on the PCB...
I found nothing about that on Satoshi's website, I know only that there are 3 switches (push buttons).
Can someone help me ?
73 from Fabrice, F5HCC.

9821. Re: [gmsk_dv_node] Kenwood D700 Dutch*Star Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-14 15:35:56 UTC
From: Jeff Dale
Topic: 9817 Message: 9821

Problem is that you can't set the packet to 9600. You can only set it to 1200.. If you want it to be at 9600 baud you have to use your computer hooked up to the db9 and issue a command to make it go to 9600. Either way I have tried that already with no luck.

On Thu, Feb 14, 2013 at 6:51 AM, Dave-KB1PVH <kb1pvh@...> wrote:

> **
>
>
> Make sure the D700 is in PKT and you have packet set to 9600.
>
> *Dave-KB1PVH*
> *
> *
> *Sent from my Verizon Wireless 4G LTE DROID*
>
>
> jeff d <jeff.dale@...> wrote:
>
>
>
> I am trying to get the D700 to work with this board to no avail. It works
> perfectly on receive and I can decode all day long. But if I use the Echo
> or try and connect to a reflector the board shows it is keying up the PTT
> but the radio does not key up.
>
> I have checked the connections. tried the radio on both A and B and using
> TNC on and off with no change.
>
> Anyone have any suggestions?
>
> Thanks
>
>
>

9822. RE: [gmsk_dv_node] Kenwood D700 Dutch*Star Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-14 15:53:04 UTC
From: Fred PA4YBR
Topic: 9817 Message: 9822

Jeff,

I am using a D700 as my "test bench" radio for boards we have to build (and test) for customers. So, the short answer is, yes, the D700 can do it.

On my radio, it only seems to work on the RIGHT-SIDE VFO.

In the menus, I have:

1-3-6 WIDE/NARROW = NARROW
1-9-3 APO = OFF
1-9-4 TOT = 5 MIN (D-STAR max is 3min, soo...)
1-9-6 DATA SPEED = 9600

and that works fine. TNC/APRS/SSTV settings are irrelevant, as we do not use any of that. (no, we do NOT use TNC mode... we are not using its builtin TNC !)

The 1-9-6 menu probably is important, as it tells the radio to provide direct
access to the discriminator and modulator on the (Mini-DIN6) data port, rather than the default of 1200 which provides "audio level" connections there.

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeff Dale
Sent: Thursday, February 14, 2013 4:36 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Kenwood D700 Dutch*Star Board

Problem is that you can't set the packet to 9600. You can only set it to 1200.. If you want it to be at 9600 baud you have to use your computer hooked up to the db9 and issue a command to make it go to 9600. Either way I have tried that already with no luck.

On Thu, Feb 14, 2013 at 6:51 AM, Dave-KB1PVH <kb1pvh@...> wrote:

Make sure the D700 is in PKT and you have packet set to 9600.

Dave-KB1PVH

Sent from my Verizon Wireless 4G LTE DROID

jeff d <jeff.dale@...> wrote:

I am trying to get the D700 to work with this board to no avail. It works perfectly on receive and I can decode all day long. But if I use the Echo or try and connect to a reflector the board shows it is keying up the PTT but the radio does not key up.

I have checked the connections. tried the radio on both A and B and using TNC on and off with no change.

Anyone have any suggestions?

Thanks

9823. RE: [gmsk_dv_node] Kenwood D700 Dutch*Star Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-14 15:54:33 UTC
From: Jeff Dale
Topic: 9817 Message: 9823
Attachments: 2 described; binary payloads are missing from this source WARC

Brilliant. I will go check that out now and see if it works.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Fred PA4YBR
Sent: Thursday, February 14, 2013 10:53 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Kenwood D700 Dutch*Star Board

Jeff,

I am using a D700 as my "test bench" radio for boards we have to build (and

test) for customers. So, the short answer is, yes, the D700 can do it.

On my radio, it only seems to work on the RIGHT-SIDE VFO.

In the menus, I have:

1-3-6 WIDE/NARROW = NARROW

1-9-3 APO = OFF

1-9-4 TOT = 5 MIN (D-STAR max is 3min, soo...)

1-9-6 DATA SPEED = 9600

and that works fine. TNC/APRS/SSTV settings are irrelevant, as we do not

use any of that. (no, we do NOT use TNC mode... we are not using its builtin

TNC !)

The 1-9-6 menu probably is important, as it tells the radio to provide direct

access to the discriminator and modulator on the (Mini-DIN6) data port,

rather than the default of 1200 which provides "audio level" connections

there.

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeff Dale
Sent: Thursday, February 14, 2013 4:36 PM
To: gmsk_dv_node@yahoogroups.com

Subject: Re: [gmsk_dv_node] Kenwood D700 Dutch*Star Board

Problem is that you can't set the packet to 9600. You can only set it to 1200.. If you want it to be at 9600 baud you have to use your computer hooked up to the db9 and issue a command to make it go to 9600. Either way I have tried that already with no luck.

On Thu, Feb 14, 2013 at 6:51 AM, Dave-KB1PVH <kb1pvh@... <mailto:kb1pvh@...> > wrote:

Make sure the D700 is in PKT and you have packet set to 9600.

Dave-KB1PVH

Sent from my Verizon Wireless 4G LTE DROID

jeff d <jeff.dale@... <mailto:jeff.dale@...> > wrote:

I am trying to get the D700 to work with this board to no avail. It works perfectly on receive and I can decode all day long. But if I use the Echo or try and connect to a reflector the board shows it is keying up the PTT but the radio does not key up.

I have checked the connections. tried the radio on both A and B and using TNC on and off with no change.

Anyone have any suggestions?

Thanks

9824. Moencomm Board with raspberry pi configurtion

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-14 16:53:03 UTC
From: kc2idb
Topic: 9824 Message: 9824

Hello all,
After extensive research I have not been able to locate an answer to this question. I am not sure where it is more appropriate to post this question so im posting it here and ircddbgateway yahoo group.

Im using a raspberry pi V. B 512 along with several distributions of debian including armel and armhf

After trying to configure the board several times I have looked into the logs and see a response that the modem firmware is not fully supported and that I should upgrade.

Is there a specific firmware I should be using with this software?
If so, Where can I find it?

Otherwise are there any special steps I need to follow to make it operational with the current firmware?

Any help is greatly appreciated, so thank you in advance

73,
Ken
KC2IDB

9825. RE: [gmsk_dv_node] Moencomm Board with raspberry pi configurtion

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-14 16:58:29 UTC
From: Fred PA4YBR
Topic: 9824 Message: 9825

Ken,

You should request a firmware update from the folks at DUTCH*Star, as they made the firmware that is in your board. Be sure to include your callsign and
license key with your request.

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of kc2idb
Sent: Thursday, February 14, 2013 5:53 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Moencomm Board with raspberry pi configurtion

Hello all,
After extensive research I have not been able to locate an answer to this question. I am not sure where it is more appropriate to post this question so im posting it here and ircddbgateway yahoo group.

Im using a raspberry pi V. B 512 along with several distributions of debian including armel and armhf

After trying to configure the board several times I have looked into the logs and see a response that the modem firmware is not fully supported and that I should upgrade.

Is there a specific firmware I should be using with this software?
If so, Where can I find it?

Otherwise are there any special steps I need to follow to make it operational with the current firmware?

Any help is greatly appreciated, so thank you in advance

73,
Ken
KC2IDB

9826. Re: Moencomm Board with raspberry pi configurtion

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-14 17:11:40 UTC
From: kc2idb
Topic: 9824 Message: 9826

Thank you very much fred, its much appreciated.

73
Ken
KC2IDB

--- In gmsk_dv_node@yahoogroups.com, "Fred PA4YBR" wrote:
>
> Ken,
>
> You should request a firmware update from the folks at DUTCH*Star, as they
> made the firmware that is in your board. Be sure to include your callsign
> and
> license key with your request.
>
> --fred
>
> _____
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of kc2idb
> Sent: Thursday, February 14, 2013 5:53 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Moencomm Board with raspberry pi configurtion
>
>
>
>
> Hello all,
> After extensive research I have not been able to locate an answer to this
> question. I am not sure where it is more appropriate to post this question
> so im posting it here and ircddbgateway yahoo group.
>
> Im using a raspberry pi V. B 512 along with several distributions of debian
> including armel and armhf
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> After trying to configure the board several times I have looked into the
> logs and see a response that the modem firmware is not fully supported and
> that I should upgrade.
>
> Is there a specific firmware I should be using with this software?
> If so, Where can I find it?
>
> Otherwise are there any special steps I need to follow to make it
> operational with the current firmware?

>
> Any help is greatly appreciated, so thank you in advance
>
> 73,
> Ken
> KC2IDB
>

9827. Re: [gmsk_dv_node] Moencomm Board with raspberry pi configurtion

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-14 18:14:49 UTC
From: hubbell
Topic: 9824 Message: 9827

Hi Fred long time no chat!
Wondering what the version differences are between what Jim Moen ships and the version you suggest we use. I will be sending you a request for the new software today but just curious what is different between the to versions. I will be sending a moen board that I just purchased from Jim to Ken, KC2IDB who you just answered. I would like to transfer the lic to him. I will send you an email direct.

Thanks again for your support and great software!
Dave Hubbell N2KTO

----- Original Message -----
From: "Fred PA4YBR" <fred@...>
To: "gmsk dv node" <gmsk_dv_node@yahoogroups.com>
Sent: Thursday, February 14, 2013 11:58:29 AM
Subject: RE: [gmsk_dv_node] Moencomm Board with raspberry pi configurtion

Ken,

You should request a firmware update from the folks at DUTCH*Star, as they
made the firmware that is in your board. Be sure to include your callsign and
license key with your request.

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of kc2idb
Sent: Thursday, February 14, 2013 5:53 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Moencomm Board with raspberry pi configurtion

Hello all,
After extensive research I have not been able to locate an answer to this question. I am not sure where it is more appropriate to post this question so im posting it here and ircddbgateway yahoo group.

Im using a raspberry pi V. B 512 along with several distributions of debian including armel and armhf

After trying to configure the board several times I have looked into the logs and see a response that the modem firmware is not fully supported and that I should upgrade.

Is there a specific firmware I should be using with this software?
If so, Where can I find it?

Otherwise are there any special steps I need to follow to make it operational with the current firmware?

Any help is greatly appreciated, so thank you in advance

73,
Ken
KC2IDB

9828. Re: [gmsk_dv_node] Moencomm Board with raspberry pi configurtion

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-14 19:02:22 UTC
From: Terry Partigianoni
Topic: 9824 Message: 9828

Goto http://westerndstar.co.uk/html/downloads.html

Download the GMSK version

Terry
W5TMP

Sent from my iPhone

On Feb 14, 2013, at 10:53 AM, "kc2idb" <indifferent1@...> wrote:

> Hello all,
> After extensive research I have not been able to locate an answer to this question. I am not sure where it is more appropriate to post this question so im posting it here and ircddbgateway yahoo group.
>
> Im using a raspberry pi V. B 512 along with several distributions of debian including armel and armhf
>
> After trying to configure the board several times I have looked into the logs and see a response that the modem firmware is not fully supported and that I should upgrade.
>
> Is there a specific firmware I should be using with this software?
> If so, Where can I find it?
>
> Otherwise are there any special steps I need to follow to make it operational with the current firmware?
>
> Any help is greatly appreciated, so thank you in advance
>
> 73,
> Ken
> KC2IDB
>
>

9829. RE: [gmsk_dv_node] Moencomm Board with raspberry pi configurtion

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-14 19:14:11 UTC
From: Fred PA4YBR
Topic: 9824 Message: 9829

Just a new(er) release of the code.

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of hubbell
Sent: Thursday, February 14, 2013 7:15 PM
To: gmsk dv node
Subject: Re: [gmsk_dv_node] Moencomm Board with raspberry pi configurtion

Hi Fred long time no chat!
Wondering what the version differences are between what Jim Moen ships and the version you suggest we use. I will be sending you a request for the new software today but just curious what is different between the to versions. I will be sending a moen board that I just purchased from Jim to Ken, KC2IDB who you just answered. I would like to transfer the lic to him. I will send you an email direct.

Thanks again for your support and great software!
Dave Hubbell N2KTO

----- Original Message -----
From: "Fred PA4YBR" fred@... <mailto:fred%40dutch-star.eu> >
To: "gmsk dv node" gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com> >
Sent: Thursday, February 14, 2013 11:58:29 AM
Subject: RE: [gmsk_dv_node] Moencomm Board with raspberry pi configurtion

Ken,

You should request a firmware update from the folks at DUTCH*Star, as they made the firmware that is in your board. Be sure to include your callsign and
license key with your request.

--fred

From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com> [mailto:gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>] On Behalf Of kc2idb
Sent: Thursday, February 14, 2013 5:53 PM
To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
Subject: [gmsk_dv_node] Moencomm Board with raspberry pi configurtion

Hello all,
After extensive research I have not been able to locate an answer to this question. I am not sure where it is more appropriate to post this question

so im posting it here and ircddbgateway yahoo group.

Im using a raspberry pi V. B 512 along with several distributions of debian including armel and armhf

After trying to configure the board several times I have looked into the logs and see a response that the modem firmware is not fully supported and that I should upgrade.

Is there a specific firmware I should be using with this software?
If so, Where can I find it?

Otherwise are there any special steps I need to follow to make it operational with the current firmware?

Any help is greatly appreciated, so thank you in advance

73,
Ken
KC2IDB

9830. RE: [gmsk_dv_node] Moencomm Board with raspberry pi configurtion

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-14 19:25:16 UTC
From: J. M. Moen
Topic: 9824 Message: 9830

Dave,

Fred can give you the particulars about the feature differences.

I ship the production version of the DUTCH*Star firmware, and it works with most of the Hotspot and repeater programs out there. The latest version of the G4KLX GMSKRepeater program may want a later (BETA) version of the firmware, in which case an email to DUTCH*Star is the way to go. I personally load my own boards with the production version, and I request a BETA only when it's needed. Sometimes in full duplex mode, the BETA version is needed.

Jim – K56JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of hubbell
Sent: Thursday, February 14, 2013 10:15 AM
To: gmsk dv node
Subject: Re: [gmsk_dv_node] Moencomm Board with raspberry pi configurtion
Hi Fred long time no chat!
Wondering what the version differences are between what Jim Moen ships and the version you suggest we use. I will be sending you a request for the new software today but just curious what is different between the to versions. I will be sending a moen board that I just purchased from Jim to Ken, KC2IDB who you just answered. I would like to transfer the lic to him. I will send you an email direct.

Thanks again for your support and great software!
Dave Hubbell N2KTO

----- Original Message -----
From: "Fred PA4YBR" fred@dutch-star.eu <mailto:fred%40dutch-star.eu> >
To: "gmsk dv node" gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com> >
Sent: Thursday, February 14, 2013 11:58:29 AM
Subject: RE: [gmsk_dv_node] Moencomm Board with raspberry pi configurtion

Ken,

You should request a firmware update from the folks at DUTCH*Star, as they
made the firmware that is in your board. Be sure to include your callsign and
license key with your request.

--fred

From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
[mailto:gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>] On Behalf Of kc2idb
Sent: Thursday, February 14, 2013 5:53 PM
To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>

Subject: [gmsk_dv_node] Moencomm Board with raspberry pi configurtion

Hello all,
After extensive research I have not been able to locate an answer to this question. I am not sure where it is more appropriate to post this question so im posting it here and ircddbgateway yahoo group.

Im using a raspberry pi V. B 512 along with several distributions of debian including armel and armhf

After trying to configure the board several times I have looked into the logs and see a response that the modem firmware is not fully supported and that I should upgrade.

Is there a specific firmware I should be using with this software?
If so, Where can I find it?

Otherwise are there any special steps I need to follow to make it operational with the current firmware?

Any help is greatly appreciated, so thank you in advance

73,
Ken
KC2IDB

9831. Re: [gmsk_dv_node] Moencomm Board with raspberry pi configurtion

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-14 19:35:54 UTC
From: jrohde357@gmail.com
Topic: 9824 Message: 9831

Connected by Motorola

hubbell <hubbell@ptd.net> wrote:

>Hi Fred long time no chat!
>Wondering what the version differences are between what Jim Moen ships and the version you suggest we use. I will be sending you a request for the new software today but just curious what is different between the to versions. I will be sending a moen board that I just purchased from Jim to Ken, KC2IDB who you just answered. I would like to transfer the lic to him. I will send you an email direct.
>
>Thanks again for your support and great software!
>Dave Hubbell N2KTO
>
>----- Original Message -----
>From: "Fred PA4YBR" <fred@dutch-star.eu>
>To: "gmsk dv node" <gmsk_dv_node@yahoogroups.com>
>Sent: Thursday, February 14, 2013 11:58:29 AM
>Subject: RE: [gmsk_dv_node] Moencomm Board with raspberry pi configurtion
>
>
>
>
>
>
>
>Ken,
>
>You should request a firmware update from the folks at DUTCH*Star, as they
>made the firmware that is in your board. Be sure to include your callsign and
>license key with your request.
>
>--fred
>
>
>From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of kc2idb
>Sent: Thursday, February 14, 2013 5:53 PM
>To: gmsk_dv_node@yahoogroups.com
>Subject: [gmsk_dv_node] Moencomm Board with raspberry pi configurtion
>
>
>
>
>

>Hello all,
>After extensive research I have not been able to locate an answer to this question. I am not sure where it is more appropriate to post this question so im posting it here and ircddbgateway yahoo group.
>
>Im using a raspberry pi V. B 512 along with several distributions of debian including armel and armhf
>
>After trying to configure the board several times I have looked into the logs and see a response that the modem firmware is not fully supported and that I should upgrade.
>
>Is there a specific firmware I should be using with this software?
>If so, Where can I find it?
>
>Otherwise are there any special steps I need to follow to make it operational with the current firmware?
>
>Any help is greatly appreciated, so thank you in advance
>
>73,
>Ken
>KC2IDB
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>Yahoo! Groups Links
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9832. RE: [gmsk_dv_node] Kenwood D700 Dutch*Star Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-14 20:30:40 UTC
From: Kerry Atkinson
Topic: 9817 Message: 9832

Actually Jeff, You need to hook up your computer to the gmsk modem and then the modem to the mini DIN on the back of the D700. I had this working on my system prior to putting up a repeater. One other thing to look at is the audio out. One pin is labeled 1200 and another is labeled 9600 Be sure to use it as you MUST be hooked up prior to the discriminator for the packets to work. The 96K line is pre discriminator where the 1.2K isn't. In addition if the radio is not keying up try checking the reverse polarity on the board and see if that makes a difference.

Kerry VE6KGA

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeff Dale
Sent: Thursday, February 14, 2013 8:36 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Kenwood D700 Dutch*Star Board

Problem is that you can't set the packet to 9600. You can only set it to 1200.. If you want it to be at 9600 baud you have to use your computer hooked up to the db9 and issue a command to make it go to 9600. Either way I have tried that already with no luck.

On Thu, Feb 14, 2013 at 6:51 AM, Dave-KB1PVH <kb1pvh@...<mailto:kb1pvh@...>> wrote:

Make sure the D700 is in PKT and you have packet set to 9600.

Dave-KB1PVH

Sent from my Verizon Wireless 4G LTE DROID

jeff d <jeff.dale@...<mailto:jeff.dale@gmail.com>> wrote:

I am trying to get the D700 to work with this board to no avail. It works perfectly on receive and I can decode all day long. But if I use the Echo or try and connect to a reflector the board shows it is keying up the PTT but the radio does not key up.

I have checked the connections. tried the radio on both A and B and using TNC on and off with no change.

Anyone have any suggestions?

Thanks

No virus found in this message.
Checked by AVG - www.avg.com<http://www.avg.com>
Version: 2012.0.2238 / Virus Database: 2639/5603 - Release Date: 02/14/13

9833. WinDV and DVAP Problems

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-15 23:33:38 UTC
From: Gil
Topic: 9833 Message: 9833

I have a VHF DVAP that I have used successfully with my IC-92AD. I just got an ID-51A and realized that using it with a DVAP may be more complicated than I anticipated. I stumbled across WinDV as a possible improvement. I installed it on my Windows 7 32 bit pc. I read the note about using the hardware setting for DVAP's and set it accordingly. I can maintain connect to gateways easily and I can see the advantages of using the WinDV software over the "original" software for the DVAP.

However, I don't seem to be able to transmit to the internet with it. I can see the signal strength meter respond to my radio's transmission, but the software doesn't seem to pass it through. The red "Tx" indicator on the software display blinks regularly (to maintain the gateway connection?), but does not stay on when my radio transmits. I was under the impression that I could "just" use a simplex DV transmission to get this to work with only CQCQCQ and no RPT1 or RPT2 settings. I have the latest version of the software and I've uninstalled it and then reinstalled it to no avail. I realize I'm probably doing something stupid but I don't know what it is yet. (Yes, I am a registered D-Star user although not a frequent one...)

I'd sure appreciate some advice about what to do to fix this situation.

Thanks.

Gil, WB2UTI

9834. RE: [gmsk_dv_node] WinDV and DVAP Problems

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-16 00:07:42 UTC
From: Fred PA4YBR
Topic: 9833 Message: 9834

Gil,

Use the SendBug feature in the Help menu to report the problem. It would help a lot if
you also enabled logging (level 8) before doing that, the logfile can also be sent by the
program.

Fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Gil
Sent: Saturday, February 16, 2013 12:34 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] WinDV and DVAP Problems

I have a VHF DVAP that I have used successfully with my IC-92AD. I just got an ID-51A and realized that using it with a DVAP may be more complicated than I anticipated. I stumbled across WinDV as a possible improvement. I installed it on my Windows 7 32 bit pc. I read the note about using the hardware setting for DVAP's and set it accordingly. I can maintain connect to gateways easily and I can see the advantages of using the WinDV software over the "original" software for the DVAP.

However, I don't seem to be able to transmit to the internet with it. I can see the signal strength meter respond to my radio's transmission, but the software doesn't seem to pass it through. The red "Tx" indicator on the software display blinks regularly (to maintain the gateway connection?), but does not stay on when my radio transmits. I was under the impression that I could "just" use a simplex DV transmission to get this to work with only CQCQCQ and no RPT1 or RPT2 settings. I have the latest version of the software and I've uninstalled it and then reinstalled it to no avail. I realize I'm probably doing something stupid but I don't know what it is yet. (Yes, I am a registered D-Star user although not a frequent one...)

I'd sure appreciate some advice about what to do to fix this situation.

Thanks.

Gil, WB2UTI

9835. Re: WinDV and DVAP Problems

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-17 16:45:32 UTC
From: Gil
Topic: 9833 Message: 9835

I'm in the process of doing just that except when I try to enable logging, do a "Save", and restart the program, the logging function is still disabled. What am I missing?

Gil, WB2UTI

--- In gmsk_dv_node@yahoogroups.com, "Fred PA4YBR" <fred@...> wrote:
>
> Gil,
>
> Use the SendBug feature in the Help menu to report the problem. It would
> help a lot if
> you also enabled logging (level 8) before doing that, the logfile can also
> be sent by the
> program.
>
> Fred
>
> _____
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of Gil
> Sent: Saturday, February 16, 2013 12:34 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] WinDV and DVAP Problems
>
>
>
>
>
> I have a VHF DVAP that I have used successfully with my IC-92AD. I just got
> an ID-51A and realized that using it with a DVAP may be more complicated
> than I anticipated. I stumbled across WinDV as a possible improvement. I
> installed it on my Windows 7 32 bit pc. I read the note about using the
> hardware setting for DVAP's and set it accordingly. I can maintain connect
> to gateways easily and I can see the advantages of using the WinDV software
> over the "original" software for the DVAP.
>
> However, I don't seem to be able to transmit to the internet with it. I can
> see the signal strength meter respond to my radio's transmission, but the
> software doesn't seem to pass it through. The red "Tx" indicator on the
> software display blinks regularly (to maintain the gateway connection?), but
> does not stay on when my radio transmits. I was under the impression that I
> could "just" use a simplex DV transmission to get this to work with only
> CQCQCQ and no RPT1 or RPT2 settings. I have the latest version of the
> software and I've uninstalled it and then reinstalled it to no avail. I
> realize I'm probably doing something stupid but I don't know what it is yet.

> (Yes, I am a registered D-Star user although not a frequent one...)
>
> I'd sure appreciate some advice about what to do to fix this situation.
>
> Thanks.
>
> Gil, WB2UTI
>

9836. D-Star repeater

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-19 08:54:30 UTC
From: Thomas Gernon
Topic: 9836 Message: 9836

Hello I would like to set up a D-Star repeater and don't have a lot of money. Can I use the mini hot spot ver c board.
73,

VE3ETG
Thomas Gernon

9837. RE: [gmsk_dv_node] D-Star repeater

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-19 10:18:53 UTC
From: Ron Wright
Topic: 9836 Message: 9837

Thomas,

Yes you can use a HotSpot as a DSTAR controller with other non-ICOM repeaters. However, keep in mind a repeater, DTAR and/or analog, is a radically different radio animal, but of course as we know very doable.

I have used Motorola MSR2000s and GE Mastr Exec IIs to make a DSTAR repeater. Basically for the repeater user the repeater is like working simplex, just the data is going thru another rcvr & transmitter. In my repeaters I made hybrid, DSTAR and analog. If user had CTCSS tone the repeater worked in analog and if no tone in DSTAR.

The main issue with the repeater as far as DSTAR is concerned is getting the data thru the transmitter. Most of the exciter audio circuits do not pass DSTAR data well so a different approach is needed. Like on the MSR2000 I feed late in the exciter audio chain and in the Exec II I fed the tx temp comp varactor diode with both approaches directly FMing the exciter. For the rcv audio just come off the discriminator.

Some have used the Mot MaxTrac little mobiles and they work fine. There are Ham rigs like the Kenwood TM271 with the HotSpot connections made internally (Kenwood provided internal PC brd pads that allows DSTAR to work).

On this board one can find help for using other radios.

I do not like using Ham rigs for a repeater for they cannot handle the duty cycle of a heavy used repeater, and if connecting to the GateWay thru the HotSpot one will see heavy usage at times. Also Ham rig's txs are not as quite and clean as a commercial radio.

Where a repeater differs from a typical Ham station is since one is txing and rcving at the same time keeping the tx out of the rcvr is an issue. Some try to use separate antennas, but this requires for 2m separation of at least 60 ft vert and 200 ft horiz. 440 is less. Most repeater use a duplexer. For 2m these are large (19" x 19" x 19" is typical size), for 440 one can use the small mobile duplexers (6" x 8" x 1", much smaller). Also height is the name of the game, but if wanted just a local repeater 30 ft is ok, but very limited mobile range. The antenna used is another factor. Typical Ham vintage antennas can produce noise so often they will not be good for a repeater, but some do work.

If you have put us a repeater you know all this, but if not thought best to state some of the issues.

Good luck with your efforts.

73, ron, n9ee/r
Ron Wright, N9EE/RBSEEMicro Computer Concepts352-683-4476mccrpt@...

To: gmsk_dv_node@yahoogroups.com
From: ve3etg@...
Date: Tue, 19 Feb 2013 03:54:30 -0500
Subject: [gmsk_dv_node] D-Star repeater

Hello I would like to set up a D-Star repeater and don't have a lot of money. Can I use the mini hot spot ver c board.

73,
VE3ETG

Thomas Gernon

9838. RE: [gmsk_dv_node] D-Star repeater

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-19 13:03:38 UTC
From: Fred PA4YBR
Topic: 9836 Message: 9838

Thomas,

The short answer is: yes, no problem.

That said, please make sure that the radio's used for the repeater (one if a simplex node,
and two if a duplex node) are capable of doing "long transmits" ... amateur radio devices
are typically designed for "1 min talk, 10 mins listen" cycles, and repeater systems
obviously do a lot more "talking" during busy hours... we really wanna make sure the
transmitter radio won't melt while doing its thing ;-)

Simplex nodes quite often use amateur-radio units (yeasu, kenwood, icom, alinco) which
works fine. Duplex nodes can use two of those, or you can re-use an existing analog
repeater system if you have one, or you can use two modified commercial radio units
(motorola GM300 series for example.)

Have fun,

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Thomas Gernon
Sent: Tuesday, February 19, 2013 9:55 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] D-Star repeater

Hello I would like to set up a D-Star repeater and don't have a lot of money. Can I use the mini hot spot ver c board.
73,

VE3ETG
Thomas Gernon

9839. RE: [gmsk_dv_node] D-Star repeater

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-19 18:14:30 UTC
From: Thomas Gernon
Topic: 9836 Message: 9839

Thank you guy's for the help. I'll get the hot spot up and running get a call sign for the repeater and then. I'll ask for more help. IE Duplexer and antenna.

73,
VE3ETG
On Feb 19, 2013 8:03 AM, "Fred PA4YBR" <fred@dutch-star.eu> wrote:

**

**
Thomas,

The short answer is: yes, no problem.

That said, please make sure that the radio's used for the repeater (one if a simplex node,
and two if a duplex node) are capable of doing "long transmits" ... amateur radio devices
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works fine. Duplex nodes can use two of those, or you can re-use an existing analog
repeater system if you have one, or you can use two modified commercial radio units
(motorola GM300 series for example.)

Have fun,

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] *On Behalf Of *Thomas Gernon
Sent: Tuesday, February 19, 2013 9:55 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] D-Star repeater

Hello I would like to set up a D-Star repeater and don't have a lot of money. Can I use the mini hot spot ver c board.
73,

VE3ETG
Thomas Gernon

9840. RE: [gmsk_dv_node] D-Star repeater

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-19 19:05:51 UTC
From: J. M. Moen
Topic: 9836 Message: 9840

That's a good way to go. Ron and Fred both gave good advice. For some other info, you might check out my web page "Converting a D-Star Hotspot to a Full Duplex Repeater" at http://www.k6jm.com/hs-repeatersetup.htm

A common way to deal with the duty cycle issue when using amateur radio units is to run the transmitter at half power, then put in good cooling fans (and for some radios, to beef up the heat sink). People have had success employing Motorola GM300s (or MaxTracs) that have come out of commercial service, though you need access to someone who can program these radios and has the appropriate Motorola software.

Choice of PC software is another topic you'll want to think about. I'd get the simplex Hotspot going, get a repeater callsign if possible, and you'll be positioned to move to full duplex.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Thomas Gernon
Sent: Tuesday, February 19, 2013 10:15 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] D-Star repeater

Thank you guy's for the help. I'll get the hot spot up and running get a call sign for the repeater and then. I'll ask for more help. IE Duplexer and antenna.

73,
VE3ETG

On Feb 19, 2013 8:03 AM, "Fred PA4YBR" <fred@...> wrote:

Thomas,

The short answer is: yes, no problem.

That said, please make sure that the radio's used for the repeater (one if a simplex node,

and two if a duplex node) are capable of doing "long transmits" ... amateur radio devices

are typically designed for "1 min talk, 10 mins listen" cycles, and repeater systems

obviously do a lot more "talking" during busy hours... we really wanna make sure the

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works fine. Duplex nodes can use two of those, or you can re-use an existing analog

repeater system if you have one, or you can use two modified commercial radio units

(motorola GM300 series for example.)

Have fun,

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Thomas Gernon
Sent: Tuesday, February 19, 2013 9:55 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] D-Star repeater

Hello I would like to set up a D-Star repeater and don't have a lot of money. Can I use the mini hot spot ver c board.
73,

VE3ETG
Thomas Gernon

9841. Re: D-Star repeater

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-19 23:08:13 UTC
From: John
Topic: 9836 Message: 9841

Here's an example --
http://k7ve.org/blog/2010/06/converting-the-kenwood-tkr-820-to-use-with-d-star/

A lot of these are coming available with the narrow band move in the commercial service.

--- In gmsk_dv_node@yahoogroups.com, Thomas Gernon <ve3etg@...> wrote:
>
> Hello I would like to set up a D-Star repeater and don't have a lot of
> money. Can I use the mini hot spot ver c board.
> 73,
>
> VE3ETG
> Thomas Gernon
>

9842. RE: [gmsk_dv_node] D-Star repeater

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-20 05:57:05 UTC
From: J. M. Moen
Topic: 9836 Message: 9842

Thomas,

Followup - I built a full duplex D-Star compatible repeater using two MaxTrac radios that I got at a local ham club auction for $9 each, and I got a mobile duplexer from a Chinese company on eBay for just over $100. Assuming you have a PC with internet available, plus antennas, etc, the whole repeater won't cost very much.

I also like the TKR-820 that John K7VE mentioned and documented on his web blog. You'll have lots of choices.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of J. M. Moen
Sent: Tuesday, February 19, 2013 11:06 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] D-Star repeater
That's a good way to go. Ron and Fred both gave good advice. For some other info, you might check out my web page "Converting a D-Star Hotspot to a Full Duplex Repeater" at http://www.k6jm.com/hs-repeatersetup.htm
A common way to deal with the duty cycle issue when using amateur radio units is to run the transmitter at half power, then put in good cooling fans (and for some radios, to beef up the heat sink). People have had success employing Motorola GM300s (or MaxTracs) that have come out of commercial service, though you need access to someone who can program these radios and has the appropriate Motorola software.
Choice of PC software is another topic you'll want to think about. I'd get the simplex Hotspot going, get a repeater callsign if possible, and you'll be positioned to move to full duplex.
Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Thomas Gernon
Sent: Tuesday, February 19, 2013 12:54 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] D-Star repeater
Hello I would like to set up a D-Star repeater and don't have a lot of money. Can I use the mini hot spot ver c board.
73,
VE3ETG
Thomas Gernon

9843. Re: [gmsk_dv_node] Re: D-Star repeater

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-20 13:22:19 UTC
From: Doug Ferrell
Topic: 9836 Message: 9843

And they work great as a hotspot repeater.

----- Original Message -----

Here's an example --
http://k7ve.org/blog/2010/06/converting-the-kenwood-tkr-820-to-use-with-d-star/

A lot of these are coming available with the narrow band move in the commercial service.

--- In gmsk_dv_node@yahoogroups.com , Thomas Gernon wrote:
>
> Hello I would like to set up a D-Star repeater and don't have a lot of
> money. Can I use the mini hot spot ver c board.
> 73,
>
> VE3ETG
> Thomas Gernon
>

9844. RE: [gmsk_dv_node] D-Star repeater

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-20 14:00:19 UTC
From: Ron Wright
Topic: 9836 Message: 9844

Has any of the HotSpot controllers been set up to ID the repeater as the ICOM controller does???

And has any been made to require the user of the repeater to have callsign in RPT1 to access???

Also can one put .wav files on the HotSpot control PC to play in DSTAR on the repeater. Not that interested in voice for I find often it is more of a burden to the users, but is for the repeater owner who likes to hear his toy speak, hi. But would be nice for some applications. I am sure I am asking a lot. The controller I have worked with mainly just retransmits the user's DSTAR data with some delay and conditioning.

73, ron, n9ee/r
Ron Wright, N9EE/RBSEEMicro Computer Concepts352-683-4476mccrpt@...

To: gmsk_dv_node@yahoogroups.com
From: jim@...
Date: Tue, 19 Feb 2013 21:57:05 -0800
Subject: RE: [gmsk_dv_node] D-Star repeater

Thomas,

Followup – I built a full duplex D-Star compatible repeater using two MaxTrac radios that I got at a local ham club auction for $9 each, and I got a mobile duplexer from a Chinese company on eBay for just over $100. Assuming you have a PC with internet available, plus antennas, etc, the whole repeater won’t cost very much.

I also like the TKR-820 that John K7VE mentioned and documented on his web blog. You’ll have lots of choices.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of J. M. Moen

Sent: Tuesday, February 19, 2013 11:06 AM

To: gmsk_dv_node@yahoogroups.com

Subject: RE: [gmsk_dv_node] D-Star repeater

That’s a good way to go. Ron and Fred both gave good advice. For some other info, you might check out my web page “Converting a D-Star Hotspot to a Full Duplex Repeater” at http://www.k6jm.com/hs-repeatersetup.htm

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come out of commercial service, though you need access to someone who can program these radios and has the appropriate Motorola software.

Choice of PC software is another topic you'll want to think about. I'd get the simplex Hotspot going, get a repeater callsign if possible, and you'll be positioned to move to full duplex.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Thomas Gernon

Sent: Tuesday, February 19, 2013 12:54 AM

To: gmsk_dv_node@yahoogroups.com

Subject: [gmsk_dv_node] D-Star repeater

Hello I would like to set up a D-Star repeater and don't have a lot of money. Can I use the mini hot spot ver c board.

73,

VE3ETG

Thomas Gernon

9845. RE: [gmsk_dv_node] D-Star repeater

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-20 14:41:39 UTC
From: Fred PA4YBR
Topic: 9836 Message: 9845

Ron,

These first two are "standard features" on most "repeater controller"
software
packages we have nowadays.

Playing audio files works fine, too, but there's one gotcha: they have to be
in
a D-STAR "ready" format. That means, no .wav, mp3 and so on.. you can use
such files, sure, but you will have to "convert" them into a format ready to
be
sent out the radios, which requires the use of additional tools.

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of Ron Wright
Sent: Wednesday, February 20, 2013 3:00 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] D-Star repeater

Has any of the HotSpot controllers been set up to ID the repeater as the
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burden to the users, but is for the repeater owner who likes to hear his toy
speak, hi. But would be nice for some applications. I am sure I am asking
a lot. The controller I have worked with mainly just retransmits the user's
DSTAR data with some delay and conditioning.

73, ron, n9ee/r

Ron Wright, N9EE/R
BSEE
Micro Computer Concepts
352-683-4476
mccrpt@...

To: gmsk_dv_node@yahoogroups.com
From: jim@...

Date: Tue, 19 Feb 2013 21:57:05 -0800
Subject: RE: [gmsk_dv_node] D-Star repeater

Thomas,

Followup - I built a full duplex D-Star compatible repeater using two MaxTrac radios that I got at a local ham club auction for $9 each, and I got a mobile duplexer from a Chinese company on eBay for just over $100. Assuming you have a PC with internet available, plus antennas, etc, the whole repeater won't cost very much.

I also like the TKR-820 that John K7VE mentioned and documented on his web blog. You'll have lots of choices.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of J. M. Moen
Sent: Tuesday, February 19, 2013 11:06 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] D-Star repeater

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Choice of PC software is another topic you'll want to think about. I'd get the simplex Hotspot going, get a repeater callsign if possible, and you'll be positioned to move to full duplex.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Thomas Gernon
Sent: Tuesday, February 19, 2013 12:54 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] D-Star repeater

Hello I would like to set up a D-Star repeater and don't have a lot of money. Can I use the mini hot spot ver c board.
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VE3ETG
Thomas Gernon

9846. RE: [gmsk_dv_node] D-Star repeater

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-20 15:24:49 UTC
From: Ron Wright
Topic: 9836 Message: 9846

Fred,

Thanks for the info. I have a Dutch Star board I am about to install in my repeater. I've used it for remote GateWay, but now that I have internet at the site am going to install the Dutch Star and connect repeater directly.

I am wondering how far I can go with this board. I will learn.

thanks again.

73, ron, n9ee/r
Ron Wright, N9EE/RBSEEMicro Computer Concepts352-683-4476mccrpt@...

To: gmsk_dv_node@yahoogroups.com
From: fred@...
Date: Wed, 20 Feb 2013 15:41:39 +0100
Subject: RE: [gmsk_dv_node] D-Star repeater

Ron,

These first two are "standard features" on most "repeater
controller" software
packages we have nowadays.

Playing audio files works fine, too, but there's one gotcha:
they have to be in
a D-STAR "ready" format. That means, no .wav, mp3 and so
on.. you can use
such files, sure, but you will have to "convert" them into a
format ready to be
sent out the radios, which requires the use of additional
tools.

Fred

From: gmsk_dv_node@yahoogroups.com
[mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Ron
Wright
Sent: Wednesday, February 20, 2013 3:00 PM
To:
gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] D-Star
repeater

Has any of the HotSpot controllers been set up to ID the repeater
as the ICOM controller does???

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of the repeater to have callsign in RPT1 to access???

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Not that interested in voice for I find often it is more of a burden to the
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But would be nice for some applications. I am sure I am asking a
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Ron Wright, N9EE/R
BSEE
Micro Computer Concepts
352-683-4476
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To: gmsk_dv_node@yahoogroups.com
From: jim@...
Date: Tue, 19 Feb 2013
21:57:05 -0800
Subject: RE: [gmsk_dv_node] D-Star
repeater

Thomas,
Followup – I built a full duplex D-Star compatible repeater using
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each, and I got a mobile duplexer from a
Chinese company on eBay for just over $100. Assuming you have a PC with
internet available, plus antennas, etc, the
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very much.
I also like the
TKR-820 that John K7VE mentioned and documented on his web blog.
You’ll have lots of choices.
Jim –
K6JM
From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf
Of J. M. Moen
Sent: Tuesday, February
19, 2013 11:06 AM
To:
gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] D-Star
repeater
That’s a
good way to go. Ron and Fred both gave good advice. For some other
info, you might check out my web page “Converting a D-Star Hotspot to a Full
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way to deal with the duty cycle issue when using amateur radio units is to run the transmitter at half power, then put in good cooling fans (and for some radios, to beef up the heat sink). People have had success employing Motorola GM300s (or MaxTracs) that have come out of commercial service, though you need access to someone who can program these radios and has the appropriate Motorola software.
Choice of PC software is another topic you'll want to think about. I'd get the simplex Hotspot going, get a repeater callsign if possible, and you'll be positioned to move to full duplex.
Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Thomas Gernon
Sent: Tuesday, February 19, 2013 12:54 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] D-Star repeater
Hello I would like to set up a D-Star repeater and don't have a lot of money. Can I use the mini hot spot ver c board.
73,
VE3ETG
Thomas Gernon

9847. Flashing Red / Green

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-21 22:05:01 UTC
From: wa4te
Topic: 9847 Message: 9847

I have flashing alternating Red and Green lights in the upper RH corner of the "DVAR Hot Spot" dialog window. I am using the DATA port on my IC-7000. Using dual band (70cm, 2 meter Diamond antenna on roof with the 7000 It looks like it is working (I can see my TX and others, but hear no audio). (Also, other than the screen showing my TX, I am not sure my audio is getting out)
1. What do the lights mean?
2. The IC7000 is set for 9600 baud, simplex FM to same freq. as my ID 51A, any others needed?
3. Port forwarded port 20001 UDP
4. What soundcard Playback and Recording settings .or. some other system settings may be needed? It may be it is working but my audio is somehow turned off. It is getting connected to the reflector. Help is appreciated.
73's TOM

9848. RE: [gmsk_dv_node] Flashing Red / Green

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-22 03:25:43 UTC
From: J. M. Moen
Topic: 9847 Message: 9848

Tom,

I sent you a direct email with more details, but for others "reading the mail," here are a few points.

I would do all my adjusting using NAWinTEST, and not worry about DVAR until RF Read and Echo Test are working. You may need to toggle the firmware setting RX Invert using he NAWinCFG utility in order to get RF Read to work.

Then try Echo Test. Again, you may need to use NAWinCFG to toggle TX Invert in order to get Echo Test to work. Once you get some decoding, very carefully adjust the TX trimpot (R36 on the Star*Board) to optimize decoding of the played-back transmission.

A hotspot does not use your PC's soundcard - it simply takes your D-Star radio's digital voice signal and passes it onto an internet-connected repeater or reflector. Coming the other way, a digital voice signal from a connected repeater or reflector is passed though the PC to the GMSK Modem, where the digital stream is turned back into tones that are transmitted by your analog radio, then picked up by your D-Star radio and decoded into something we humans can understand. So the PC is a kind of gateway for DV signals, but at no time is the DV decoded into analog sound on the PC.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of wa4te
Sent: Thursday, February 21, 2013 2:05 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Flashing Red / Green
I have flashing alternating Red and Green lights in the upper RH corner of the "DVAR Hot Spot" dialog window. I am using the DATA port on my IC-7000. Using dual band (70cm, 2 meter Diamond antenna on roof with the 7000 It looks like it is working (I can see my TX and others, but hear no audio). (Also, other than the screen showing my TX, I am not sure my audio is getting out)
1. What do the lights mean?
2. The IC7000 is set for 9600 baud, simplex FM to same freq. as my ID 51A, any others needed?
3. Port forwarded port 20001 UDP
4. What soundcard Playback and Recording settings .or. some other system settings may be needed? It may be it is working but my audio is somehow turned off. It is getting connected to the reflector. Help is appreciated.
73's TOM

9849. Re: [gmsk_dv_node] Flashing Red / Green

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-22 07:20:32 UTC
From: Tom Kohli
Topic: 9847 Message: 9849

I guess I forgot to tell you that the NAWinTEST Read and Write ARE working! So I will adjust the TX trimpot (R36) and see what happens. Normally, when I have a QSO, I leave RPt1 and RPT2 blank; any changes needed there? Thank you for your help. 73's

Tom

On Feb 21, 2013, at 10:25 PM, "J. M. Moen" <jim@...> wrote:

> Tom,
>
> I sent you a direct email with more details, but for others “reading the mail,” here are a few points.
>
> I would do all my adjusting using NAWinTEST, and not worry about DVAR until RF Read and Echo Test are working. You may need to toggle the firmware setting RX Invert using he NAWinCFG utility in order to get RF Read to work.
>
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> 73's TOM
>
>

9850. RPT1/RPT2

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-23 05:06:15 UTC
From: J. M. Moen
Topic: 9850 Message: 9850

For Simplex using one radio, TX and RX on the same frequency, most people don’t bother filling in RPT1 and RPT2 on their D-Star radio. That’s because the radio in Simplex mode ignores RPT1 and RPT2 values and substitutes “DIRECT” instead. And you would not check “Require proper RPT1” and RPT1 boxes when setting up WinDV or DVAR.

Then you could set up a memory in your D-Star HT for normal talking to connected repeaters or reflectors this way:

UR: CQCQCQ

Some people want their Hotspot program like WinDV or DVAR to only work with radios that have programmed RPT1 and RPT2. In that case, for Simplex usage, you can trick your radio into thinking it’s running full duplex by setting DUP on, but set the offset to 0. Then the radio will transmit what’s in your RPT1 and RPT2 fields, and you can then ask WinDV or DVAR to “Require proper RPT1” and RPT2 if you like.

If you called your hotspot WA1ABC with Band Module C, then you could set up a memory in your HT for normal talking, as follows:

UR: CQCQCQ

RPT1: WA1ABC C

RPT2: WA1ABC G

Depending on the length of your callsign, add enough spaces so C and G are in the 8th position.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Tom Kohli
Sent: Thursday, February 21, 2013 11:21 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Flashing Red / Green

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RPt1 and RPT2 blank; any changes needed there? Thank you for your help. 73's

Tom

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9851. RE: [gmsk_dv_node] RPT1/RPT2

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-23 20:03:15 UTC
From: Ron Wright
Topic: 9850 Message: 9851

J. M.

I can see not having to put in RPT1 & 2 for simple radio to radio DV, but if were using radio in simplex with HotSpot to a reflector do you not have to put in calls here???

73, ron, n9ee/r
Ron Wright, N9EE/RBSEEMicro Computer Concepts352-683-4476mccrpt@...

To: gmsk_dv_node@yahoogroups.com
From: jim@...
Date: Fri, 22 Feb 2013 21:06:15 -0800
Subject: [gmsk_dv_node] RPT1/RPT2

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To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Flashing Red / Green I guess I forgot to tell you that the NAWinTEST Read and Write ARE working! So I will adjust the TX trimpot (R36) and see what happens. Normally, when I have a QSO, I leave RPt1 and RP
T2 blank; any changes needed there? Thank you for your help. 73's Tom._,___

9852. RE: [gmsk_dv_node] RPT1/RPT2

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-23 20:19:41 UTC
From: Fred PA4YBR
Topic: 9850 Message: 9852

Ron,

Like Jim said... no, you don't.

Icom radios, by default, do NOT send a "useful" value for RPT1/RPT2 when used in simplex
mode, meaning, if no duplex offset is used. Regardless of what you *configure* in the radio,
it will ignore that, and send "DIRECT" for these fields instead.

So, the hotspot will see a transmission from MYCALL to URCALL, with both RPT1 and
RPT2 set to "DIRECT". Also, the "RepeatMe" bit flag is not set, as this was supposed to
be a simplex (radio-to-radio) transmission.

There are two ways to handle this situation:

1. Ignore the above at the repeater (hotspot) side, and pretend it was a "complete" header
with all fields set correctly:

```
If port.is.in.simplex.mode Then
fix_header(flags, RepeatMe, SET)
fix_header(rpt1, MyNodeCall)
fix_header(rptr2, MyNodeCall + "G")
endif
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and then we continue to process the packet as usual. Since we fixed the header to look
like it was sent to a duplex connection, all further checks will pass.

This is what DVAR Hotspot and my own DV Node (WinDV) do for "simplex" ports. It is
also what is done (more or less) by the official "DVAPtool" software for the DVAP device.

2. Require full and "correct" packets regardless, which means we have to "fix" the radio used
into sending the correct info. You can tell Icom radios to "be correct" by setting a duplex
offset (+ or 0, doesn't matter) and then setting the offset frequency to 0 Hz. This fools the
radio's firmware into thinking it's talking to a (duplex) repeater, and now it WILL send the
correct info.

Obviously, (2) is the "protocol correct" way to do it, but this requires educating (possibly
many) users, whereas (1) is the easy way, requiring a software tweak only. I personally think
the latter solves most of the cases for most people.

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Ron Wright
Sent: Saturday, February 23, 2013 9:03 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] RPT1/RPT2

J. M.

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73, ron, n9ee/r

Ron Wright, N9EE/R
BSEE
Micro Computer Concepts
352-683-4476
mccrpt@...

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From: jim@...
Date: Fri, 22 Feb 2013 21:06:15 -0800
Subject: [gmsk_dv_node] RPT1/RPT2

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UR: CQCQCQ

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Depending on the length of your callsign, add enough spaces so C and G are in the 8th position.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Tom Kohli
Sent: Thursday, February 21, 2013 11:21 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Flashing Red / Green

I guess I forgot to tell you that the NAWinTEST Read and Write ARE working! So I will adjust the TX trimpot (R36) and see what happens. Normally, when I have a QSO, I leave

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73's

Tom

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9853. RE: [gmsk_dv_node] RPT1/RPT2

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-24 00:02:19 UTC
From: Ron Wright
Topic: 9850 Message: 9853

Fred,

Thanks for the info. I am about to put Dutch Star HotSpot board on a repeater mainly to allow getting into the GateWay.

I understand I am to put DS software in duplex mode. So to connect to a reflector I would put in users radio URCALL REF037, but do I need to put in users radio anything in RPT1 & 2. I had used the DS board with remoted link radio to a DSTAR hybrid repeater and I had been putting repeater call in RPT1 with C for VHFand in repeater call in RPT2 with G as 8th character. That worked fine, but now we have internet access at repeater site so wanted to use DS board in repeater.

All this is with non-ICOM repeaters made from commercial gear.

73, ron, n9ee/r
Ron Wright, N9EE/RBSEEMicro Computer Concepts352-683-4476mccrpt@...

To: gmsk_dv_node@yahoogroups.com
From: fred@dutch-star.eu
Date: Sat, 23 Feb 2013 21:19:41 +0100
Subject: RE: [gmsk_dv_node] RPT1/RPT2

Ron,

Like Jim said... no, you don't.

Icom radios, by default, do NOT send a "useful" value for
RPT1/RPT2 when used in simplex
mode, meaning, if no duplex offset is used. Regardless
of what you *configure* in the radio,
it will ignore that, and send "DIRECT" for these fields
instead.

So, the hotspot will see a transmission from MYCALL to URCALL,
with both RPT1 and
RPT2 set to "DIRECT". Also, the "RepeatMe" bit flag is not
set, as this was supposed to
be a simplex (radio-to-radio)
transmission.

There are two ways to handle this
situation:

1. Ignore the above at the repeater (hotspot) side, and
pretend it was a "complete" header
with all fields set
correctly:

If
port.is.in.simplex.mode Then

fix_header(flags, RepeatMe, SET)

fix_header(rpt1, MyNodeCall)

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and then we continue to process the packet as
usual. Since we fixed the header to look
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This is what DVAR Hotspot and my own DV
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2. Require full and "correct" packets regardless, which
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Sent: Saturday, February 23, 2013 9:03 PM
To:
gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node]
RPT1/RPT2

J. M.

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73, ron, n9ee/r

Ron Wright, N9EE/R
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From: jim@...
Date: Fri, 22 Feb 2013
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RPT1: WA1ABC
C
RPT2: WA1ABC
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Depending on
the length of your callsign, add enough spaces so C and G are in the
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Jim – K6JM

From: gmsk_dv_node@yahoogroups.com
[mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Tom
Kohli
Sent: Thursday, February 21, 2013 11:21 PM
To:
gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Flashing Red
/ Green

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will adjust the TX trimpot (R36) and see what happens. Normally, when
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RPt1 and RP T2 blank; any
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Tom

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9854. RE: [gmsk_dv_node] RPT1/RPT2

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-24 02:13:10 UTC
From: J. M. Moen
Topic: 9850 Message: 9854

Ron,

You are asking good questions. I'm including at the bottom how I set up memories on my D-Star HT that I used with my hotspot.

For background: D-Star repeaters and reflectors can be linked together using linking software. The first such application was and is called DPlus, and many D-Star repeaters have that app on their Gateway server. DVAR will only do DPlus linking. Some other similar but different linking protocols have been invented, and DV Node (WinDV) supports them also.

So you need a way to issue link and unlink commands, and once your hotspot is linked where you want it, you need your radio configured to talk normally over the link.

When you are in the shack, an easy way to unlink or link is to use WinDV's or DVAR's PC window to connect. Once that's done, then you want your radio's URCall = CQCQCQ. Fred already explained about RPT1 and RPT2.

If you are not near the PC running WinDV or DVAR, you can program your radio to issue unlink and link commands over RF. Using WinDV, you can also configure things so DTMF tones will execute commands, but I won't go into that now.

Typically people use programming software to set up memories in their D-Star radio to do an Unlink, or to do Links to their favorite repeaters or reflectors. You turn to the memory you want to do, hit PTT briefly, then turn the memory back to the normal operating mode so you can talk.

Normally, it will contain "CQCQCQ". But to Unlink, it should have 7 spaces and a U. To link to REF001C, it should contain "REF001CL". To link to W1ABC port B, it should contain "W1ABC BL". The "U" or "L" must be in the 8th position of URCall.

Here are some examples of programming a D-Star radio's memories, with example names for each memory:

1. Name = Hotspot (Normal operating mode)
* YourCall = CQCQCQ
2. Name = HSUNLK (meaning Hotspot Unlink)
* YourCall = "...U" (7 spaces then U)
3. Name = HSLMDD (meaning Hotspot Link to K6MDD)
* YourCall = "K6MDD.CL" (port in position 7)
4. Name = HSLCX (meaning Hotspot Link to W6CX)
* YourCall = "W6CX..CL" (port in position 7)
5. Name = HSL14C (meaning Hotspot Link to REF014C)
* YourCall = "REF014CL"

6. Name = HSL01C (meaning Hotspot Link to REF001C)
* YourCall = "REF001CL"

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Ron Wright
Sent: Saturday, February 23, 2013 4:02 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] RPT1/RPT2

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Subject: Re: [gmsk_dv_node] Flashing Red / Green

I guess I forgot to tell you that the NAWinTEST Read and Write ARE working! So I will adjust the TX trimpot (R36) and see what happens. Normally, when I have a QSO, I leave
RPt1 and RP T2 blank; any changes needed there? Thank you for your help.
73's

Tom

.-.___

9855. Mini Hot Spot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-24 04:15:48 UTC
From: Ham Radio
Topic: 9855 Message: 9855

Can you use the Mini Hot Spot with the rasbarry pi is there Hot Spot
sofftware for linux? Thank you for your help.
I want a hot spot for now not a repeater.

--
73,
Thomas Gernon
VE3ETG

9856. Dutch Star Mini Hot Spot Qustion

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-24 06:41:59 UTC
From: Ham Radio
Topic: 9856 Message: 9856

Hello,

I have a Question for clarification. If I am using the Dutch Star Mini Hot Spot with G4KLX GMSK Repeater& ircDDB & VNC as a Hot Spot not Repeater do I have to get a new call sign from mine or can I use my call just log onto my d-star account and add the Hot Spot to my number 2 of my list. If this is all I have to do I add the Hot Spot to number 2 what do I put in the initial and RPT boxes. I think in RPT box I put G for Gateway or would I put H for hot spot.

--
73,
Thomas Gernon
VE3ETG

PS. When I get all the parts I'll be running this on a Barry PI.

9857. RE: [gmsk_dv_node] Mini Hot Spot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-24 11:23:04 UTC
From: J. M. Moen
Topic: 9855 Message: 9857

Yes, the Pi has plenty of power for the hotspot function. Currently the most commonly used hotspot software on Linux are the programs from G4KLX - GMSKRepeater and ircDDBGateway.

Several hams have made Compact Flash images with everything ready to go. You just have to put in your callsign and make sure the programs are configured the way you want. They've installed a VNC server, meaning you can bypass a monitor/keyboard/mouse and using the network connection, you can log onto the Pi from another PC running a VMC view or client such as TightVNC. They've also installed the above G4KLX programs, though you might want to run an update process to get the latest versions.

Take a look at http://www.westerndstar.co.uk/html/downloads.html for a good example of these images. Of course, you start with the recommended Linux from the Raspberry Pi folks, then do all your own configuration and installs yourself. Your choice.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Ham Radio
Sent: Saturday, February 23, 2013 8:16 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Mini Hot Spot
Can you use the Mini Hot Spot with the rasbarry pi is there Hot Spot sofftware for linux? Thank you for your help.
I want a hot spot for now not a repeater.

--
73,
Thomas Gernon
VE3ETG

9858. RE: [gmsk_dv_node] Dutch Star Mini Hot Spot Qustion

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-24 11:47:59 UTC
From: J. M. Moen
Topic: 9856 Message: 9858

You'll find more experts on these questions on the pcrepeatercontroller and ircDDBGateway Yahoo Groups. But I think you are asking if you need to register a terminal at a G2 repeater just for your hotspot. That really depends on what you want to do.

Don't put anything in the RPT field when registering a terminal. You can find good instructions on this at http://www.dstargateway.org/D-Star_Registration.html

In GMSKRepeater, on the Callsign tab, you need to pick a module (A, B, C, D or E). Assuming you'll be accessing repeaters or reflectors using DPlus, then you'll need to register a terminal with the chosen module. For example, if the band module is B, you'd want to register a terminal with your callsign and an "initial" of B.
Next, on the ircDDBGateway DPlus tab, the Login callsign needs to refer to a registered terminal. Most people have at least one terminal with a blank "initial", and that will work for DPlus authentication in the Login field on the DPlus tab.

One other thing. If you want to configure an ircDDB Gateway, you will need another callsign. I am not sure how easy it is to get a repeater callsign in Canada. In the USA, one only needs to form a small club and request a club callsign. But a separate callsign is needed, and needs to be registered with the ircDDB system, to activate the ircDDBGateway. (Actually, there's a way to make use of a test server if you don't have a 2nd callsign, but that's another topic.)

I see that your callsign, VE3ETG, has one terminal registered - with a blank "initial." If I were you, I would register another terminal with an initial of B if your hotspot will be on 70cm, or C if on 2 meters (not a rule, but a common convention).

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Ham Radio
Sent: Saturday, February 23, 2013 10:42 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Dutch Star Mini Hot Spot Qustion
Hello,

I have a Question for clarification. If I am using the Dutch Star Mini Hot Spot with G4KLX GMSK Repeater& ircDDB & VNC as a Hot Spot not Repeater do I have to get a new call sign from mine or can I use my call just log onto my d-star account and add the Hot Spot to my number 2 of my list. If this is all I have to do I add the Hot Spot to number 2 what do I put in the initial and RPT boxes. I think in RPT box I put G for

Gateway or would I put H for hot spot.

--
73,
Thomas Gernon
VE3ETG

PS. When I get all the parts I'll be running this on a Barry PI.

9859. RE: [gmsk_dv_node] Dutch Star Mini Hot Spot Qustion

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-02-24 16:23:07 UTC
From: Thomas Gernon
Topic: 9856 Message: 9859

Thank you for the info. In Canada we can get a second call all we have to
do is pay 60.00.
On Feb 24, 2013 6:47 AM, "J. M. Moen" <jim@...> wrote:

> **
>
>
> **
>
> You'll find more experts on these questions on the pcrepeatercontroller
> and ircDDBGateway Yahoo Groups. But I think you are asking if you need
> to register a terminal at a G2 repeater just for your hotspot. That really
> depends on what you want to do.
>
> Don't put anything in the RPT field when registering a terminal. You can
> find good instructions on this at
>
> *http://www.dstargateway.org/D-Star_Registration.html*<http://www.dstargateway.org/D-Sta
r_Registration.html>
>
> In GMSKRepeater, on the Callsign tab, you need to pick a module (A, B, C,
> D or E). Assuming you'll be accessing repeaters or reflectors using
> DPlus, then you'll need to register a terminal with the chosen module.
> For example, if the band module is B, you'd want to register a terminal
> with your callsign and an "initial" of B.
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> Next, on the ircDDBGateway DPlus tab, the Login callsign needs to refer
> to a registered terminal. Most people have at least one terminal with a
> blank "initial", and that will work for DPlus authentication in the Login
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> One other thing. If you want to configure an ircDDB Gateway, you will
> need another callsign. I am not sure how easy it is to get a repeater
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> be registered with the ircDDB system, to activate the ircDDBGateway.
> (Actually, there's a way to make use of a test server if you don't have a
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> I see that your callsign, VE3ETG, has one terminal registered – with a
> blank "initial." If I were you, I would register another terminal with
> an initial of B if your hotspot will be on 70cm, or C if on 2 meters (not a
> rule, but a common convention).
>
> Jim – K6JM

>
> ***From:* gmsk_dv_node@yahoogroups.com [
> mailto:gmsk_dv_node@yahoogroups.com <gmsk_dv_node@yahoogroups.com>]*** On
> Behalf Of* Ham Radio
> ***Sent:* Saturday, February 23, 2013 10:42 PM
> ***To:* gmsk_dv_node@yahoogroups.com
> ***Subject:* [gmsk_dv_node] Dutch Star Mini Hot Spot Qustion
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> Hello,
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> Repeater do I have to get a new call sign from mine or can I use my call
> just log onto my d-star account and add the Hot Spot to my number 2 of
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> do I put in the initial and RPT boxes. I think in RPT box I put G for
> Gateway or would I put H for hot spot.
>
> --
> 73,
> Thomas Gernon
> VE3ETG
>
> PS. When I get all the parts I'll be running this on a Barry PI.
>
>

9860. FreeStar Raspberry Pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-01 00:17:51 UTC
From: Mark Miller
Topic: 9824 Message: 9860

Hi Fred,

I will be using FreeStar on a Raspberry PI shortly with my NSMHS. My call sign is N5RFX and my license is 0B36FDEA-960D-4440-A75D-28C8D16BF7BC.

Please send me the firmware that will allow me to use the Raspberry Pi board with FreeStar and the Raspberry Pi

73,

Mark N5RFX

9861. VID_04D8&PID_0303

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-02 13:00:30 UTC
From: minchiazza_2003
Topic: 9861 Message: 9861

I Just built my blue board I bought in kit and plugged to the USB port.

The Blue LED(PWR) is ON and the COS Green LED is ON.
Device is recognized by Windows 7 SP1 32bit edition as USB Input Device and no driver available (Yellow exclamation mark on the icon).
Windows Hardware ID for the device is VID_04D8 and PID_0303.

I tried several times to install the drivers available on Dutch Star Website but no joy.
Ot seems to be a not very common issue as I did a search in this group and on Google and there is just a single results dated back 2011 or 2010 (can't recall) and no solution.

Any idea on how to fix this?

Best 73s

Bas

9862. RE: [gmsk_dv_node] VID_04D8&PID_0303

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-02 14:19:57 UTC
From: Fred PA4YBR
Topic: 9861 Message: 9862

That is the USB ID of the Boot Loader, which is a HID-class device that requires
no driver, as Windows already has one by default.

As you said, it's not very common for this to misbehave.

From what I have learned so far, this (usually) means that another driver on the
system, which (also) interacts with the Windows HID service, is preventing that
service from "attaching" to our device....

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of minchiazza_2003
Sent: Saturday, March 02, 2013 2:01 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] VID_04D8&PID_0303

I Just built my blue board I bought in kit and plugged to the USB port.

The Blue LED(PWR) is ON and the COS Green LED is ON.
Device is recognized by Windows 7 SP1 32bit edition as USB Input Device and no driver available (Yellow exclamation mark on the icon).
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Any idea on how to fix this?

Best 73s

Bas

9863. RE: [gmsk_dv_node] VID_04D8&PID_0303

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-02 19:15:02 UTC
From: Jeff Dale
Topic: 9861 Message: 9863
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Bas.

I had the same problem with my computer.

Seems that if I plugged it into a USB3 port that I had that issue. However a USB 2 port I did not.

Could it be a co-incidence probably, since USB 3 and USB 2 use a separate set of pins on the connector but take a look.

USB 3 ports are usually identified by a BLUE plastic connector on the computer.

JD

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of minchiazza_2003
Sent: Saturday, March 02, 2013 8:01 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] VID_04D8&PID_0303

I Just built my blue board I bought in kit and plugged to the USB port.

The Blue LED(PWR) is ON and the COS Green LED is ON.
Device is recognized by Windows 7 SP1 32bit edition as USB Input Device and no driver available (Yellow exclamation mark on the icon).
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Any idea on how to fix this?

Best 73s

Bas

9864. Re: WinDV and DVAP Problems

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-02 19:39:41 UTC
From: Gil
Topic: 9833 Message: 9864

I've apparently solved my problem, but I didn't mention that here. In the interest of completing this thread, I'll mention what seems to have helped.

I had already tried removing and reinstalling the appropriate drivers for my Windows 7 SP1 pc with no improvement. I uninstalled and reinstalled the WinDV software. (I did figure out the logging issue - you have to check the box for it AND ALSO select a level...).

What ultimately seems to have resolved my problem was reinstalling the DVAP firmware. That apparently fixed the problem I was having not only with WinDV, but it had also started affecting operation (or lack thereof) with the DVTools program as well. I don't understand what might have happened to make that necessary, but it's working now.

I'm now enjoying getting used to the features of my new ID-51A and its simplified use of the DVAP with WinDV.

My thanks to any and all who helped.

Gil, WB2UTI

--- In gmsk_dv_node@yahoogroups.com, "Gil" <gil.chapin@...> wrote:
>
> I'm in the process of doing just that except when I try to enable logging, do a "Save", and restart the program, the logging function is still disabled. What am I missing?
>
> Gil, WB2UTI
>
> --- In gmsk_dv_node@yahoogroups.com, "Fred PA4YBR" <fred@> wrote:
> >
> > Gil,
> >
> > Use the SendBug feature in the Help menu to report the problem. It would
> > help a lot if
> > you also enabled logging (level 8) before doing that, the logfile can also
> > be sent by the
> > program.
> >
> > Fred
> >
> > _____
> >
> > From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> > Behalf Of Gil
> > Sent: Saturday, February 16, 2013 12:34 AM
> > To: gmsk_dv_node@yahoogroups.com
> > Subject: [gmsk_dv_node] WinDV and DVAP Problems
> >

> >
> >
> >
> > I have a VHF DVAP that I have used successfully with my IC-92AD. I just got
> > an ID-51A and realized that using it with a DVAP may be more complicated
> > than I anticipated. I stumbled across WinDV as a possible improvement. I
> > installed it on my Windows 7 32 bit pc. I read the note about using the
> > hardware setting for DVAP's and set it accordingly. I can maintain connect
> > to gateways easily and I can see the advantages of using the WinDV software
> > over the "original" software for the DVAP.
> >
> > However, I don't seem to be able to transmit to the internet with it. I can
> > see the signal strength meter respond to my radio's transmission, but the
> > software doesn't seem to pass it through. The red "Tx" indicator on the
> > software display blinks regularly (to maintain the gateway connection?), but
> > does not stay on when my radio transmits. I was under the impression that I
> > could "just" use a simplex DV transmission to get this to work with only
> > CQCQCQ and no RPT1 or RPT2 settings. I have the latest version of the
> > software and I've uninstalled it and then reinstalled it to no avail. I
> > realize I'm probably doing something stupid but I don't know what it is yet.
> > (Yes, I am a registered D-Star user although not a frequent one...)
> >
> > I'd sure appreciate some advice about what to do to fix this situation.
> >
> > Thanks.
> >
> > Gil, WB2UTI
> >
>

9865. RE: [gmsk_dv_node] Re: WinDV and DVAP Problems

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-02 20:28:55 UTC
From: Fred PA4YBR
Topic: 9833 Message: 9865

Gil,

You might want to also let Robin know about the firmware thing.. dunno what was wrong with it, but it could be something he wants to check out to maybe prevent it from happening again...

Have fun!

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Gil
Sent: Saturday, March 02, 2013 8:40 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: WinDV and DVAP Problems

I've apparently solved my problem, but I didn't mention that here. In the interest of completing this thread, I'll mention what seems to have helped.

I had already tried removing and reinstalling the appropriate drivers for my Windows 7 SP1 pc with no improvement. I uninstalled and reinstalled the WinDV software. (I did figure out the logging issue - you have to check the box for it AND ALSO select a level...).

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> > Sent: Saturday, February 16, 2013 12:34 AM
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> > Gil, WB2UTI
> >
>

9866. Re: VID_04D8&PID_0303

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-02 22:49:16 UTC
From: minchiazza_2003
Topic: 9861 Message: 9866

Thank Fred & JD,

I have just one Windows based system here, the rest of my systems are Mac or Linux... According to the tech specs there are no USB 3.0 ports, it's a DELL Inspiron Zino HD (http://www.dell.com/us/dfh/p/inspiron-zino-hd/pd) and ports are all 2.0, so most probably the issue should be most probably the HID drive as Fred pointed out.

Would it work in a virtual machine? I mean if I create an image running Windows 7 and nothing else installed would it work? Anybody tried the board in a VM?

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> Sent: Saturday, March 02, 2013 8:01 AM
> To: gmsk_dv_node@...m
> Subject: [gmsk_dv_node] VID_04D8&PID_0303

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> recall) and no solution.
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> Any idea on how to fix this?
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> Best 73s
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> Bas
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9867. RE: [gmsk_dv_node] Re: VID_04D8&PID_0303

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-03 00:37:23 UTC
From: Jeff Dale
Topic: 9861 Message: 9867
Attachments: 2 described; binary payloads are missing from this source WARC

I had the board working using Sun Virtualbox.

As far as I know it is the only "Free" VM software that allows you to capture a USB input properly.

I was able to run the test software and decode the data properly.

I am having issues on transmit but that's a problem on my end. Not necessarily on the VM side of things.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of minchiazza_2003
Sent: Saturday, March 02, 2013 5:49 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: VID_04D8&PID_0303

Thank Fred & JD,

I have just one Windows based system here, the rest of my systems are Mac or Linux...
According to the tech specs there are no USB 3.0 ports, it's a DELL Inspiron Zino HD (http://www.dell.com/us/dfh/p/inspiron-zino-hd/pd) and ports are all 2.0, so most probably the issue should be most probably the HID drive as Fred pointed out.

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> but no joy.
> Ot seems to be a not very common issue as I did a search in this group and
> on Google and there is just a single results dated back 2011 or 2010
(can't
> recall) and no solution.
>
> Any idea on how to fix this?
>
> Best 73s
>
> Bas
>

9868. Problems with PA4YBR mini hot spot connected to Raspberry Pi ---Please Help!

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-03 01:41:44 UTC
From: dakleeberg
Topic: 9868 Message: 9868

Hi,

I have a PA4YBR mini hot spot connected to a Raspberry Pi running the Jonathan Naylor GMSK Repeater and ircDDB software downloaded from westerndstar.co.uk. My analog radio is a Yaesu FT-7800 with a homebrew cable. My DStar radio is an ID-31A.

I have checked out the mini hot spot board and my analog radio/homebrew cable with NAWinTest and I have good receive levels and the echo test works fine. I assume that means I have the FT-7800 and the ID-31 A configured correctly and that my homebrew cable is fine.

When I manually connect to Reflector 12A using the GMSK Repeater and ircDDB software on the PI, I can hear stations and I get the digital header information scrolling across the bottom of the screen on the ID-31A. However, I can not transmit. When I key up the ID-31, the green light on the mini hot spot comes on and when I unkey it goes off. The red light on the mini hotspot comes on when I receive another station.

When I try to use commands such as *30C or # from the ID-31A DTMF memory, nothing happens with the hot spot. I can hear hear the tones go out when I key up and press the squelch button on the side of the radio.

I noticed an error in the log screen on the ircDDB window the says the following: Not passing UR:K5HC /INFO scr:2, to outgoing links.

Getting very frustrated and hoping that someone out there can help. Detailed set-up instructions for the Raspberry software and the mini hot spot for use in this application would be greatly appreciated.

Thanks in advance for your help,

73,
Dave
K5HC

9869. Re: VID_04D8&PID_0303

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-03 02:10:29 UTC
From: minchiazza_2003
Topic: 9861 Message: 9869

I give it a try on a VM running WIndows XP SP3 hosted on a iMAC and I had a very similar issue there as well.
The board is detected, Windows recognize it as HID device no drivers, as soon as I installed the drivers, including the WinUSB which seems to be mandatory for Windows XP systems, the yellow exclamation mark disappeared but the card is still a HID/VID_04d8&PID_0303 device, which make it to do not recognize the .inf file provided by Dutch Star with the board.

In fact the .inf file requires the device to be a USB/VID_etc and not a HID/VID_etc..

Also the .inf file doesn't mention any PID_303 device inside, just 300, 301 and 310 for the 32bit systems.

Probably Fred has a solution to this issue, in any case I will give it another try using a real laptotp and different OS (WIN7, WINXP) tomorrow (today... are 3:10 at my watch)

73s

Bas
--- In gmsk_dv_node@yahoogroups.com, "Jeff Dale" <jeff.dale@...> wrote:
>
> I had the board working using Sun Virtualbox.
>
>
>
> As far as I know it is the only "Free" VM software that allows you to
> capture a USB input properly.
>
>
>
> I was able to run the test software and decode the data properly.
>
>
>
> I am having issues on transmit but that's a problem on my end. Not
> necessarily on the VM side of things.
>
>
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of minchiazza_2003
> Sent: Saturday, March 02, 2013 5:49 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Re: VID_04D8&PID_0303
>
>

>
>
>
> Thank Fred & JD,
>
> I have just one Windows based system here, the rest of my systems are Mac or
> Linux...
> According to the tech specs there are no USB 3.0 ports, it's a DELL Inspiron
> Zino HD (http://www.dell.com/us/dfh/p/inspiron-zino-hd/pd) and ports are all
> 2.0, so most probably the issue should be most probably the HID drive as
> Fred pointed out.
>
> Would it work in a virtual machine? I mean if I create an image running
> Windows 7 and nothing else installed would it work? Anybody tried the board
> in a VM?
>
> --- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
> , "Jeff Dale" wrote:
> >
> > Hi Bas.
> >
> >
> >
> > I had the same problem with my computer.
> >
> >
> >
> > Seems that if I plugged it into a USB3 port that I had that issue. However
> > a USB 2 port I did not.
> >
> >
> >
> > Could it be a co-incidence probably, since USB 3 and USB 2 use a separate
> > set of pins on the connector but take a look.
> >
> >
> >
> > USB 3 ports are usually identified by a BLUE plastic connector on the
> > computer.
> >
> >
> >
> >
> >
> > JD
> >
> >
> >
> > From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
> [mailto:gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>

>] On
> > Behalf Of minchiazza_2003
> > Sent: Saturday, March 02, 2013 8:01 AM
> > To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
> > Subject: [gmsk_dv_node] VID_04D8&PID_0303
> >
> >
> >
> >
> >
> > I Just built my blue board I bought in kit and plugged to the USB port.
> >
> > The Blue LED(PWR) is ON and the COS Green LED is ON.
> > Device is recognized by Windows 7 SP1 32bit edition as USB Input Device
> and
> > no driver available (Yellow exclamation mark on the icon).
> > Windows Hardware ID for the device is VID_04D8 and PID_0303.
> >
> > I tried several times to install the drivers available on Dutch Star
> Website
> > but no joy.
> > Ot seems to be a not very common issue as I did a search in this group and
> > on Google and there is just a single results dated back 2011 or 2010
> (can't
> > recall) and no solution.
> >
> > Any idea on how to fix this?
> >
> > Best 73s
> >
> > Bas
> >
>

9870. RE: [gmsk_dv_node] Problems with PA4YBR mini hot spot connected to Raspberry Pi ---Please Help!

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-03 02:20:40 UTC
From: J. M. Moen
Topic: 9868 Message: 9870

Dave,

This feels like a DPlus authentication problem.

REF012A, as you know, is a DPlus reflector, and Robin checks that there's a valid terminal for your Login callsign. As far as I know, the node callsign and band (module) must also be registered as a terminal.

If DPlus won't authenticate you, you are allowed to connect read-only and listen, but you won't be allowed to transmit out to the connected repeater or reflector.

I notice on http://query.ke5bms.com/index.php that you have defined three terminals at the KJ6BWR G2 repeater: K5HC with a blank initial, plus K5HC initial A, and K5HC initial N.

So I assume your D-Plus tab shows Login as "K5HC N" with 3 spaces so the N is in position 8. You are probably calling your hotspot K5HC with a band (module) of A or blank.

If you've got something different, that may be the cause of the problem.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of dakleeberg
Sent: Saturday, March 02, 2013 5:42 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Problems with PA4YBR mini hot spot connected to Raspberry Pi ---Please Help!
Hi,

I have a PA4YBR mini hot spot connected to a Raspberry Pi running the Jonathan Naylor GMSK Repeater and ircDDB software downloaded from westerndstar.co.uk. My analog radio is a Yaesu FT-7800 with a homebrew cable. My DStar radio is an ID-31A.

I have checked out the mini hot spot board and my analog radio/homebrew cable with NAWinTest and I have good receive levels and the echo test works fine. I assume that means I have the FT-7800 and the ID-31 A configured correctly and that my homebrew cable is fine.

When I manually connect to Reflector 12A using the GMSK Repeater and ircDDB software on the PI, I can hear stations and I get the digital header information scrolling across the bottom of the screen on the ID-31A. However, I can not transmit. When I key up the ID-31, the green light on the

mini hot spot comes on and when I unkey it goes off. The red light on the mini hotspot comes on when I receive another station.

When I try to use commands such as *30C or # from the ID-31A DTMF memory, nothing happens with the hot spot. I can hear hear the tones go out when I key up and press the squelch button on the side of the radio.

I noticed an error in the log screen on the ircDDB window the says the following: Not passing UR:K5HC /INFO scr:2, to outgoing links.

Getting very frustrated and hoping that someone out there can help. Detailed set-up instructions for the Raspberry software and the mini hot spot for use in this application would be greatly appreciated.

Thanks in advance for your help,

73,
Dave
K5HC

9871. The Motorola Radius 120 is now working with the Moen board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-03 04:55:29 UTC
From: chuckn4ued
Topic: 9871 Message: 9871

Below is what I did to my Motorola Radius 120 . It was simple . I have the Motorola set at 20 watts output . The antenna is a home made dual band J-POLE made from 3/4 inch copper . The antenna is located just over 70 feet . I was using a Icom 207H before I connected the Motorola Radius 120 . I did not have to change anything on the Moen board . The Motorola works perfect with the same adjusts I had made when setting up the Icom 207H . The 16 pin connector pinout is the same as with the Motorola GM300 .

Good luck , Chuck N4UED

http://www.batlabs.com/gm300.html

9600 Baud Packet Modifications

The GM300 Series are 9600 baud packet capable. They do need a minor modification though. For RX, its no big deal, just take RX audio from PIN 11 of the Accessory Connector and swing JU551 to the (A) position (Flat RX Unmuted).

For TX audio, you will have to run a jumper to the junction of R223, C228, R222 on the RF board to inject the data (if applicable you may need to set the deviation pot in the radio to maximum). You might want to put a pot on your TX line somewhat like the setup Motorola uses (voltage divider) to adjust the deviation.

It would be wise to do some measurements to make sure you have the deviation correct. You might also want run the RX and TX pins to the unused pins on the front mic connector after the mods are done.

9872. Re: [gmsk_dv_node] Problems with PA4YBR mini hot spot connected to Raspberry Pi ---Please Help!

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-03 08:49:08 UTC
From: Brian GW6WTK
Topic: 9868 Message: 9872

Hi Dave
By default the'DPlus' option in the ircDDBGateway software id
Disabled, make sure this is enabled.

Brian
gw6wtk

On 03/03/2013 01:41, dakleeberg wrote:
>
> Hi,
>
> I have a PA4YBR mini hot spot connected to a Raspberry Pi running the
> Jonathan Naylor GMSK Repeater and ircDDB software downloaded from
> westerndstar.co.uk. My analog radio is a Yaesu FT-7800 with a homebrew
> cable. My DStar radio is an ID-31A.
>
> I have checked out the mini hot spot board and my analog
> radio/homebrew cable with NAWinTest and I have good receive levels and
> the echo test works fine. I assume that means I have the FT-7800 and
> the ID-31 A configured correctly and that my homebrew cable is fine.
>
> When I manually connect to Reflector 12A using the GMSK Repeater and
> ircDDB software on the PI, I can hear stations and I get the digital
> header information scrolling across the bottom of the screen on the
> ID-31A. However, I can not transmit. When I key up the ID-31, the
> green light on the mini hot spot comes on and when I unkey it goes
> off. The red light on the mini hotspot comes on when I receive another
> station.
>
> When I try to use commands such as *30C or # from the ID-31A DTMF
> memory, nothing happens with the hot spot. I can hear hear the tones
> go out when I key up and press the squelch button on the side of the
> radio.
>
> I noticed an error in the log screen on the ircDDB window the says the
> following: Not passing UR:K5HC /INFO scr:2, to outgoing links.
>
> Getting very frustrated and hoping that someone out there can help.
> Detailed set-up instructions for the Raspberry software and the mini
> hot spot for use in this application would be greatly appreciated.
>
> Thanks in advance for your help,
>
> 73,

> Dave
> K5HC
>
>

9873. EJ-47U digital voice board Alinco

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-03 10:08:27 UTC
From: Jose Manuel
Topic: 9873 Message: 9873

This board can work within the dstar net?? using the same vocoder?

9877. Re: The Motorola Radius 120 is now working with the Moen board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-03 16:35:13 UTC
From: randy52644
Topic: 9871 Message: 9877

Congratulations on getting your M120 on dstar. Don't forget to have a cooling fan blowing on the PA.

For those not wanting to run a jumper to the junction of R223, C228, R222 on the RF board to inject the data, connecting transmit data from the StarBoard directly to pin 5 on the radio 16 pin connector will work great too.

I have found a number of hams without soldering irons or the desire to take the covers off a radio so pin 5 is a solution for them.

Randy
WB0VHB

--- In gmsk_dv_node@yahoogroups.com, "chuckn4ued" <n4ued@...> wrote:
>
> Below is what I did to my Motorola Radius 120 . It was simple . I have the Motorola set at 20 watts output . The antenna is a home made dual band J-POLE made from 3/4 inch copper . The antenna is located just over 70 feet . I was using a Icom 207H before I connected the Motorola Radius 120 . I did not have to change anything on the Moen board . The Motorola works perfect with the same adjusts I had made when setting up the Icom 207H . The 16 pin connector pinout is the same as with the Motorola GM300 .
>
> Good luck , Chuck N4UED
>
>
>
>
> http://www.batlabs.com/gm300.html
>
>
>
> 9600 Baud Packet Modifications
>
> The GM300 Series are 9600 baud packet capable. They do need a minor modification though. For RX, its no big deal, just take RX audio from PIN 11 of the Accessory Connector and swing JU551 to the (A) position (Flat RX Unmuted).
>
> For TX audio, you will have to run a jumper to the junction of R223, C228, R222 on the RF board to inject the data (if applicable you may need to set the deviation pot in the radio to maximum). You might want to put a pot on your TX line somewhat like the setup Motorola uses (voltage divider) to adjust the deviation.
>
> It would be wise to do some measurements to make sure you have the deviation correct. You might also want run the RX and TX pins to the unused pins on the front mic connector after the mods are done.
>

9878. Issues with GMSK and freestar

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-03 17:13:44 UTC
From: Kerry Atkinson
Topic: 9878 Message: 9878

This has also been posted in the Freestar Group

I have run into a bit of a road block with this issue.

I have installed the freestar packages, G2_IRCDDB and G2_LINK both run fine. The issue starts in the rptr package. I am running version 3.21 of the rptr software and using the Moen GMSK Node adapter with the dutchstar firmware Version 0.1.31-02 BETA
When I start up all is fine with the universe. I can receive and it works great. As soon as I transmit more than a couple of seconds the rptr software dies. When I try to restart it, it seems to hang.

Below are excerpts from the rptr log showing it running and then dead, my restart using service rptr restart and the resultant log where it cannot find the modem.

```
030213 at 18:07:57:DELAY_BETWEEN_RETRIES=[5]
030213 at 18:07:57:TIMEOUT=[150]
030213 at 18:07:57:CHECK_PTT_IS_OFF=[Y]
030213 at 18:07:57:HDR_DETAILS=[Y]
030213 at 18:07:57:GMSK_AUDIO_DETAILS=[N]
030213 at 18:07:57:G2_AUDIO_DETAILS=[N]
030213 at 18:07:57:PTT_THRESHOLD=[3]
030213 at 18:07:57:CHECK_FOR_COS=[N]
030213 at 18:07:57:Max loops = 100
030213 at 18:07:57:Chip: V0.1.31-02I
030313 at 10:03:26:From GMSK: flags=40:00:00, my=VE6KGA , sfx=800H, ur=CQCQCQ ,
rpt1=VA6KGA B, rpt2=VA6KGA B
030313 at 10:03:26:End GMSK-1, ber=0.00
030313 at 10:03:32:From GMSK: flags=40:00:00, my=VE6KGA , sfx=800H, ur=CQCQCQ ,
rpt1=VA6KGA B, rpt2=VA6KGA G
030313 at 10:03:33:End GMSK-1, ber=0.00
030313 at 10:03:40:From GMSK: flags=40:00:00, my=VE6KGA , sfx=800H, ur=CQCQCQ ,
rpt1=VA6KGA B, rpt2=VA6KGA G
030313 at 10:03:41:End GMSK-1, ber=0.00
030313 at 10:03:48:From GMSK: flags=40:00:00, my=VE6KGA , sfx=800H, ur=CQCQCQ ,
rpt1=VA6KGA B, rpt2=VA6KGA G

[root@test ~]# service rptr restart
rptr: [FAILED]

Starting rptr: [ OK ]

[root@test ~]# tail -f /var/log/rptr.log
030313 at 10:04:32:MAX_TRIES_WAIT_FOR_SPACE=[70]
030313 at 10:04:32:DELAY_BETWEEN_RETRIES=[5]
030313 at 10:04:32:TIMEOUT=[150]
030313 at 10:04:32:CHECK_PTT_IS_OFF=[Y]
030313 at 10:04:32:HDR_DETAILS=[Y]
```

030313 at 10:04:32:GMSK_AUDIO_DETAILS=[N]
030313 at 10:04:32:G2_AUDIO_DETAILS=[N]
030313 at 10:04:32:PTT_THRESHOLD=[3]
030313 at 10:04:32:CHECK_FOR_COS=[N]
030313 at 10:04:32:Max loops = 100
030313 at 10:04:37:Chip:
030313 at 10:04:37:Could not get the PTT status_2, error=-32, sleeping 1 seconds
030313 at 10:04:40:main: bad code=-32
tail: /var/log/rptr.log: file truncated
030313 at 10:04:44:main: bad code=-32
tail: /var/log/rptr.log: file truncated
030313 at 10:04:48:main: bad code=-32

Any suggestions would be greatly appreciated.

Thanks

Kerry VE6KGA

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of randy52644
Sent: Sunday, March 03, 2013 9:35 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: The Motorola Radius 120 is now working with the Moen board

Congratulations on getting your M120 on dstar. Don't forget to have a cooling fan blowing on the PA.

For those not wanting to run a jumper to the junction of R223, C228, R222 on the RF board to inject the data, connecting transmit data from the StarBoard directly to pin 5 on the radio 16 pin connector will work great too.

I have found a number of hams without soldering irons or the desire to take the covers off a radio so pin 5 is a solution for them.

Randy
WB0VHB

--- In gmsk_dv_node@yahoogroups.com<mailto:gmsk_dv_node%40yahoogroups.com>, "chuckn4ued" wrote:
>
> Below is what I did to my Motorola Radius 120 . It was simple . I have the Motorola set at 20 watts output . The antenna is a home made dual band J-POLE made from 3/4 inch copper . The antenna is located just over 70 feet . I was using a Icom 207H before I connected the Motorola Radius 120 . I did not have to change anything on the Moen board . The Motorola works perfect with the same adjusts I had made when setting up the Icom 207H . The 16 pin connector pinout is the same as with the Motorola GM300 .
>
> Good luck , Chuck N4UED
>
>
>

>
> http://www.batlabs.com/gm300.html
>
>
>
> 9600 Baud Packet Modifications
>
> The GM300 Series are 9600 baud packet capable. They do need a minor modification though. For RX, its no big deal, just take RX audio from PIN 11 of the Accessory Connector and swing JU551 to the (A) position (Flat RX Unmuted).
>
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>
> It would be wise to do some measurements to make sure you have the deviation correct. You might also want run the RX and TX pins to the unused pins on the front mic connector after the mods are done.
>

No virus found in this message.
Checked by AVG - www.avg.com<http://www.avg.com>
Version: 2012.0.2238 / Virus Database: 2641/5643 - Release Date: 03/02/13

9879. upgrade firmware on moen star board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-03 18:47:41 UTC
From: nvaught@bellsouth.net
Topic: 9879 Message: 9879

I have connected the Moen star*board to GMSKRepeater version 20130302 via a raspberry pi. The message I receive is "This modem firmware is not fully supported by the GMSKRepeater - please upgrade". How do I upgrade from the version Jim, K6JM, placed on the board?

Thanks,

Niles
K4RNV

9880. Re: [gmsk_dv_node] upgrade firmware on moen star board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-03 19:22:29 UTC
From: Ken
Topic: 9879 Message: 9880

You can contact fred, at Dutch star with your license and call sign and he'll send you the beta firmware for the board.

Ken
Kc2idb

Sent from my Verizon Wireless 4G LTE DROID

nvaught@bellsouth.net wrote:

>I have connected the Moen star*board to GMSKRepeater version 20130302 via a raspberry pi. The message I receive is "This modem firmware is not fully supported by the GMSKRepeater - please upgrade". How do I upgrade from the version Jim, K6JM, placed on the board?
>
>
>Thanks,
>
>Niles
>K4RNV
>

9882. RE: [gmsk_dv_node] The Motorola Radius 120 is now working with the Moen board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-03 19:46:47 UTC
From: J. M. Moen
Topic: 9871 Message: 9882

Chuck,

Thanks for reporting on getting your Radius 120 into hotspot service.

And your J-Pole is at 70 feet! I wish I could do that here (homeowner association restrictions).

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of chuckn4ued
Sent: Saturday, March 02, 2013 8:55 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] The Motorola Radius 120 is now working with the Moen board

Below is what I did to my Motorola Radius 120 . It was simple . I have the Motorola set at 20 watts output . The antenna is a home made dual band J-POLE made from 3/4 inch copper . The antenna is located just over 70 feet . I was using a Icom 207H before I connected the Motorola Radius 120 . I did not have to change anything on the Moen board . The Motorola works perfect with the same adjusts I had made when setting up the Icom 207H . The 16 pin connector pinout is the same as with the Motorola GM300 .

Good luck , Chuck N4UED

http://www.batlabs.com/gm300.html

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It would be wise to do some measurements to make sure you have the deviation correct. You might also want run the RX and TX pins to the unused pins on the front mic connector after the mods are done.

9884. RE: [gmsk_dv_node] EJ-47U digital voice board Alinco

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-03 20:25:28 UTC
From: J. M. Moen
Topic: 9873 Message: 9884

Jose,

The Alinco EJ-47U board does not support the D-Star protocol. Searching the internet, there is not a lot of detail about them, but it appears they use a CVSD (Continuously Variable Slope Delta) vocoder, and when installed in a compatible Alinco transceiver, they employ GMSK modulation. So two such Alinco radios could talk to each other using this form of digital voice.

Both commercial radio and amateur radio ended up using the proprietary AMBE vocoder sold by DVSI. There is work on an open source vocoder called CODEC2. The Alinco DV boards were a worthy experiment, but the technology has evolved in other directions.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jose Manuel
Sent: Sunday, March 03, 2013 2:08 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] EJ-47U digital voice board Alinco

This board can work within the dstar net?? using the same vocoder?

9885. Re: [gmsk_dv_node] upgrade firmware on moen star board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-03 22:17:22 UTC
From: R. Niles Vaught
Topic: 9879 Message: 9885

Thanks Ken

Will do that

Niles
K4RNV

From: Ken <kc2idb@...>
To: gmsk_dv_node@yahoogroups.com
Sent: Sun, March 3, 2013 2:22:37 PM
Subject: Re: [gmsk_dv_node] upgrade firmware on moen star board

You can contact fred, at Dutch star with your license and call sign and he'll send you the beta firmware for the board.

Ken
Kc2idb

Sent from my Verizon Wireless 4G LTE DROID

nvaught@... wrote:

I have connected the Moen star*board to GMSKRepeater version 20130302 via a raspberry pi. The message I receive is "This modem firmware is not fully supported by the GMSKRepeater - please upgrade". How do I upgrade from the version Jim, K6JM, placed on the board?

Thanks,

Niles
K4RNV

9900. RE: [gmsk_dv_node] Re: VID_04D8&PID_0303

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-06 11:04:18 UTC
From: Fred PA4YBR
Topic: 9861 Message: 9900

I give up.

You keep insisting that the board has the "wrong USB ID" programmed. Did you not
read what I wrote yesterday?

When the PIC chip is in Bootloader mode, it uses ID 0303, and acts like a HID-class
device. No extra driver is needed. The bootloader is present so you can update the
board's firmware- that is what a bootloader does, you see. In the old days, we did not
have boot loaders, and all users had to manually use a PIC programmer to get the
firmware into those chips. Fun!

Once the PIC has "real" firmware loaded, it *normally* just boots that firmware, and
THEN the device talks at ID 0300, and then, yes, the NAtools driver is needed to talk
to it.

> Where is the issue: The reference manual is misleading the user.
Apparently so, although it seems to be clear for most users...

> The first and the third statements are the confusing parts, in fact the USB ID is
> DIFFERENT 0303 instead of 0300, the driver is NOT installed at all...
See above. Again.

> The actual image on the user computer is the one in the user manual with a different
> status "Node Adapter not detected", which means to a normal user the board is does
> NOT communicate with the computer... which in fact is NOT true.
Correct... it EITHER is not communicating at all, OR it is in bootloader mode.

> In fact the board in bootloader mode has two channels of communication to the
> computer, one of them is the HID mode and the other is the USB channel on PID 0303,
No. The bootloader runs using ID 0303, and **IS** the HID mode.

> which IS detected by the software but JUST TO LOAD THE FIRMWARE.
Yup, that's what a bootloader does.

> THAT'S NOT MENTIONED ANYWHERE and the part for the firmware update is on page 15
Because so far, people understood what a bootloader is and does.

> MicroWalt statement on their website says the board will be shipped WITHOUT any
> firmware installed to avoid board going back and forward with firmware loaded.
Whenever we receive a batch of new PIC chips, the first thing we do it program them
with the bootloader code. So, all such chips in stock always have the bootloader in
them. Kits always get such chips, never "empty" ones because an empty chip never
makes it into "stock" here.

Kits built&tested for customers obviously ARE then loaded with firmware for the
customers, otherwise no testing could be done.

> That one has been the trigger for me to try to upload the firmware even if the board
> was allegedly NOT communicating with the computer, where in fact it was.
This is correct.

However, your first posting stated:

> ----------
> I Just built my blue board I bought in kit and plugged to the USB port.
>
> The Blue LED(PWR) is ON and the COS Green LED is ON.
> Device is recognized by Windows 7 SP1 32bit edition as USB Input Device and no driver available (Yellow > exclamation mark on the icon).
> Windows Hardware ID for the device is VID_04D8 and PID_0303
> ----------

with Windows did not loading the driver for the board on ID 303.
Later you also reported that linux behaved the same way.

Yesterday, I explained (in fair detail..) how this works, and I again mentioned that
if Windows, for some reason, does not want to load the *HID* driver (which is what
the originally claimed problem was!) then we'd need additional info from the system
to look into that.

NOW it turns out that the HID driver is loading just fine, but it is only the
software that doesnt see the board.

So, apparently, we were all looking to solve a problem...

This issue has been reported several times, and yes, that *is* a known bug in the
program: if one tries to use NAWinCFG to flash a board that does not have firmware
yet, or if that board happens to be in Bootloader mode already, it fails to find
it, as it "forgets" to look for it in Bootloader mode.

My answer to that report has always been "Ignore the "not detected" message, go
straight to Tools>UpdateFirmware and proceed with flashing as described in the
manual". Search for the above string and you'll find it in the archives :)

> I strongly recommend to rewrite the user manual in order to include the firmware
> step as a cause of non working board or unrecognized board.
I agree.

> So i simply loaded the firmware and the EEPROM tag magically appeared, pushed the
> firmware with the EEPROM field tagged and now the board is alive (I'm assuming).
Good. Yeah, it will be fine after that.

I am glad that it's working now, and agree that the manual could be improved here
(as well as the NAWinCFG software itself), but also, your initial report claimed
that the HID driver was not loading, and that's where we started looking at the
wrong things...

Regards,

Fred

9901. FRANCE : All digital modes approved by Minister !

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-06 15:03:28 UTC
From: pedro-y-pinacolada
Topic: 9901 Message: 9901

We have received confirmation of new regulation rules for ham in France.

All digital modes and experimentations are now possible !

D-STAR, P25, Mototrbo, IDAS, TEtra ... Wifi, 4G, WImax, etc ...

This is a great news and a long work for our organization.

Yahou !!!

Pierre - F1SHS
President of DR@F - digital Radioamateur France
http://draf.asso.fr

9902. Re: FRANCE : All digital modes approved by Minister !

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-06 19:52:49 UTC
From: oeneightcibi
Topic: 9901 Message: 9902

Congratulations and welcome (back) to the digital world... but APRS was already authorized in France, isn't that one a digital system as well?

73s
Bas

--- In gmsk_dv_node@yahoogroups.com, "pedro-y-pinacolada" <pedro_y_pinacolada@...> wrote:
>
> We have received confirmation of new regulation rules for ham in France.
>
> All digital modes and experimentations are now possible !
>
> D-STAR, P25, Mototrbo, IDAS, TEtra ... Wifi, 4G, WImax, etc ...
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> Pierre - F1SHS
> President of DR@F - digital Radioamateur France
> http://draf.asso.fr
>

9903. RE: [gmsk_dv_node] Re: VID_04D8&PID_0303

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-06 20:19:37 UTC
From: J. M. Moen
Topic: 9861 Message: 9903

I've read this whole thread, and it boils down to a very tenacious, industrious ham who was unaware that when a board in bootloader mode ("Program" jumper is enabled) with DUTCH*Star firmware is connected to a PC, the NAWinCFG program's normal and correct behavior is to show a message "Node Adapter not detected", and this message must be ignored when loading or updating firmware.

The thread is also about a LOT of information being shared here by Fred PA4YBR, and for that, I thank him.

Many people use my web page "Building a D-Star Compatible Hotspot" at http://www.k6jm.com/hs-setup.htm. Because of this thread, I've updated the firmware loading instructions in Step 3.b to explicitly mention that the "Node Adapter not detected" message is normal when the board is in bootloader mode. Ignore that message and proceed with updating the firmware.

Thanks to Bas for staying with this and getting the problem solved, and to everyone else, especially Fred, who came up with ideas and information to help.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of oeneightcibi
Sent: Tuesday, March 05, 2013 7:45 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: VID_04D8&PID_0303
Last update at least from my side: Didn't slept and fixed the issue.
<snip>

9904. Re: Problems with PA4YBR mini hot spot connected to Raspberry Pi ---Please Help!

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-07 18:32:17 UTC
From: f5hcc
Topic: 9868 Message: 9904

Hi All,
I'm also running a Raspberry Pi with the same software (repeater + ircddbgateway) with a Dutch Star GMSK modem, and it seems that when it's linked to XRF reflectors, no trafic is flowing through...
For instance, the hotspot (F5ZFY) is connected to IrcDDB network and to XRF333A. F5ZFY is seen as linked on both dasboards (Ircddb and XRF333A).When I key up my ID-31, I can see my callsign on IrcDDB live, but on the XRF333A dashboard...
Do I miss another software ?
Thank you for your help.
Regards.
Fabrice, F5HCC.

--- In gmsk_dv_node@yahoogroups.com, Brian GW6WTK <brian@...> wrote:
>
> Hi Dave
> By default the'DPlus' option in the ircDDBGateway software id
> Disabled, make sure this is enabled.
>
> Brian
> gw6wtk
>
>

9906. hot spot connection problem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-10 02:09:04 UTC
From: jim rosima
Topic: 9906 Message: 9906

yes have a hot spot, wa7dg , just notice that it was not connected, tried to re-connect to reflector 14c all it tell me gate way link
will not let me re-connect it to a reflector?
i have already close out program, then re-opened it.....it been running fine for the last few months,until now.

Thank You
Jim Rosima KD7DPW
IRLP #3058 444.775 (+) PL. 100.0
775-229-1182
kd7dpw@...
ARES/RACES Radio Operator
Official Observer

The information contained in this e-mail message is intended only for the personal and confidential use of the recipient(s) named above. If the reader of this message is not the intended recipient or an agent responsible for delivering it to the intended recipient, you are hereby notified that you have received this message and any attachments in error and that any review, dissemination, distribution, copying or alteration of this message and/or its attachments is strictly prohibited. If you have received this message in error, please notify the sender immediately by electronic mail, and delete the original message. Thank You.

9907. Aluminimum Enclosure for Mini-Hotspot and HSA (Black)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-10 15:53:10 UTC
From: oeneightcibi
Topic: 9907 Message: 9907

Dear OMs,

just per info I want to inform you that the box sold by MicroWalt as "Aluminimum Enclosure for Mini-Hotspot and HSA (Black)" Product number BOX0000011, is a raw aluminum box WITHOUT any hole drilled, sold at 17,50 Euro plus S&H.
Nowhere in the website is written that the box is a plain black aluminum box without any hole and is sold as specific for a product, which is NOT.
I requested in a message in this group and via email if a stencil or template for the holes could be provided but MicroWalt is NOT replying to the emails or requests.

So if you want to buy the BOX to have a nice equipment, you have to drill the following holes:

Here are the (metric) measures:

Back panel:
- DB-9 CONNECTOR PORT (Rectangular hole): 6mm from the left side, hole measures are 18x12 mm, then drill two holes for the hexagonal pillars.
The hole must be around 8 mm from the bottom of the frame:
- USB CONNECTOR PORT (Squared hole): 6mm from the right side, hole measures are 12x12mm.
The hole must be around 9mm from the bottom of the frame.

Front panel:
This is up to you on how to solder the LEDs, I left the LEDs terminators at the original length and soldered them barely at the end bend then the terminals. on this way the LEDs are almost exactly at the end of the box and long enough to have the "head" outside the box:

Distance from the right to the center of each LED, each hole should be around 9mm from the bottom of the frame:

1st: 11mm
2nd: 20mm
3rd: 26mm
4th: 34mm
5th: 42mm
6th: 50mm

A side note: Customer Care Policy and Communication are the core for any company.
If you are getting paid for a service, you MUST provide a proper and complete service.
If you get money for a product, you MUST provide a fully funcional and complete product.
If you sell something you MUST provide a complete detail of your goods.

9908. Re: Problems with PA4YBR mini hot spot connected to Raspberry Pi ---Please Help!

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-10 20:35:32 UTC
From: dakleeberg
Topic: 9868 Message: 9908

Hi Jim,

Thanks for the suggestion. I agree with you that it seems like a DPlus authentication problem. I tried your suggestion and still get the same error message (Not passing UR:K5HC /INFO scr:2, to outgoing links) in the ircDDB log window. Do you think there might be some sort of problem with my call sign registration? I notice that on my radios I a rpt? error after keying up any of the PAPA repeaters. I haven't tried much in the way of linking and unlinking, but I am able to communicate locally through the repeaters. On the radios I just use K5HC as MY CALL.

Any further ideas would be greatly appreciated.

Thanks and 73,
Dave
K5HC

--- In gmsk_dv_node@yahoogroups.com, "J. M. Moen" <jim@...> wrote:
>
> Dave,
>
> This feels like a DPlus authentication problem.
>
> REF012A, as you know, is a DPlus reflector, and Robin checks that there's a
> valid terminal for your Login callsign. As far as I know, the node callsign
> and band (module) must also be registered as a terminal.
>
> If DPlus won't authenticate you, you are allowed to connect read-only and
> listen, but you won't be allowed to transmit out to the connected repeater
> or reflector.
>
> I notice on http://query.ke5bms.com/index.php that you have defined three
> terminals at the KJ6BWR G2 repeater: K5HC with a blank initial, plus K5HC
> initial A, and K5HC initial N.
>
> So I assume your D-Plus tab shows Login as "K5HC N" with 3 spaces so the N
> is in position 8. You are probably calling your hotspot K5HC with a band
> (module) of A or blank.
>
> If you've got something different, that may be the cause of the problem.
>
> Jim - K6JM
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of dakleeberg
> Sent: Saturday, March 02, 2013 5:42 PM

> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Problems with PA4YBR mini hot spot connected to
> Raspberry Pi ---Please Help!
> Hi,
>
> I have a PA4YBR mini hot spot connected to a Raspberry Pi running the
> Jonathan Naylor GMSK Repeater and ircDDB software downloaded from
> westerndstar.co.uk. My analog radio is a Yaesu FT-7800 with a homebrew
> cable. My DStar radio is an ID-31A.
>
> I have checked out the mini hot spot board and my analog radio/homebrew
> cable with NAWinTest and I have good receive levels and the echo test works
> fine. I assume that means I have the FT-7800 and the ID-31 A configured
> correctly and that my homebrew cable is fine.
>
> When I manually connect to Reflector 12A using the GMSK Repeater and ircDDB
> software on the PI, I can hear stations and I get the digital header
> information scrolling across the bottom of the screen on the ID-31A.
> However, I can not transmit. When I key up the ID-31, the green light on the
> mini hot spot comes on and when I unkey it goes off. The red light on the
> mini hotspot comes on when I receive another station.
>
> When I try to use commands such as *30C or # from the ID-31A DTMF memory,
> nothing happens with the hot spot. I can hear hear the tones go out when I
> key up and press the squelch button on the side of the radio.
>
> I noticed an error in the log screen on the ircDDB window the says the
> following: Not passing UR:K5HC /INFO scr:2, to outgoing links.
>
> Getting very frustrated and hoping that someone out there can help. Detailed
> set-up instructions for the Raspberry software and the mini hot spot for use
> in this application would be greatly appreciated.
>
> Thanks in advance for your help,
>
> 73,
> Dave
> K5HC
>

9909. RE: [gmsk_dv_node] Re: Problems with PA4YBR mini hot spot connected to Raspberry Pi ---Please Help!

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-10 20:50:58 UTC
From: Fred PA4YBR
Topic: 9868 Message: 9909

Dave,

Which kind of board do you have? We made 5 so far, so some
additional info would help.

Based on the data given so far, it looks like the board and its connection
to the Pi seems to be fine.

That said, it IS kinda strange that it the Pi doesnt respond to your
DTMF commands. Would you be able to drop us some logfiles of
the software?

Thanks,

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of dakleeberg
Sent: Sunday, March 10, 2013 9:36 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Problems with PA4YBR mini hot spot connected to
Raspberry Pi ---Please Help!

Hi Jim,

Thanks for the suggestion. I agree with you that it seems like a DPlus
authentication problem. I tried your suggestion and still get the same error
message (Not passing UR:K5HC /INFO scr:2, to outgoing links) in the ircDDB
log window. Do you think there might be some sort of problem with my call
sign registration? I notice that on my radios I a rpt? error after keying up
any of the PAPA repeaters. I haven't tried much in the way of linking and
unlinking, but I am able to communicate locally through the repeaters. On
the radios I just use K5HC as MY CALL.

Any further ideas would be greatly appreciated.

Thanks and 73,
Dave
K5HC

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> Dave,

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> This feels like a DPlus authentication problem.
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> REF012A, as you know, is a DPlus reflector, and Robin checks that there's
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> valid terminal for your Login callsign. As far as I know, the node
callsign
> and band (module) must also be registered as a terminal.
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> If DPlus won't authenticate you, you are allowed to connect read-only and
> listen, but you won't be allowed to transmit out to the connected repeater
> or reflector.
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> I notice on http://query.ke5bms.com/index.php that you have defined three
> terminals at the KJ6BWR G2 repeater: K5HC with a blank initial, plus K5HC
> initial A, and K5HC initial N.
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> So I assume your D-Plus tab shows Login as "K5HC N" with 3 spaces so the N
> is in position 8. You are probably calling your hotspot K5HC with a band
> (module) of A or blank.
>
> If you've got something different, that may be the cause of the problem.
>
> Jim - K6JM
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> From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
[mailto:gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
] On
> Behalf Of dakleeberg
> Sent: Saturday, March 02, 2013 5:42 PM
> To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
> Subject: [gmsk_dv_node] Problems with PA4YBR mini hot spot connected to
> Raspberry Pi ---Please Help!
> Hi,
>
> I have a PA4YBR mini hot spot connected to a Raspberry Pi running the
> Jonathan Naylor GMSK Repeater and ircDDB software downloaded from
> westerndstar.co.uk. My analog radio is a Yaesu FT-7800 with a homebrew
> cable. My DStar radio is an ID-31A.
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> I have checked out the mini hot spot board and my analog radio/homebrew
> cable with NAWinTest and I have good receive levels and the echo test
works
> fine. I assume that means I have the FT-7800 and the ID-31 A configured
> correctly and that my homebrew cable is fine.
>
> When I manually connect to Reflector 12A using the GMSK Repeater and
ircDDB
> software on the PI, I can hear stations and I get the digital header
> information scrolling across the bottom of the screen on the ID-31A.

> However, I can not transmit. When I key up the ID-31, the green light on
the
> mini hot spot comes on and when I unkey it goes off. The red light on the
> mini hotspot comes on when I receive another station.
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> key up and press the squelch button on the side of the radio.
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> I noticed an error in the log screen on the ircDDB window the says the
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> Getting very frustrated and hoping that someone out there can help.
Detailed
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> Thanks in advance for your help,
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> 73,
> Dave
> K5HC
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9910. RE: [gmsk_dv_node] Re: Problems with PA4YBR mini hot spot connected to Raspberry Pi ---Please Help!

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-11 10:25:32 UTC
From: J. M. Moen
Topic: 9868 Message: 9910

Dave and I have been corresponding off-list, and he sent me a screen shot that shows he's configured GMSKRepeater to have RPT1 Validation On. This is a simplex Hotspot, so I've advised him either to set that Off, or to trick his radio into thinking it's doing full duplex by setting DUP + or DUP - and setting offset to zero, then filling in a proper RPT1 value.

(For people new to this - D-Star radios not in DUP mode do not transmit the values in RPT1 and RPT2. Instead, they transmit "DIRECT" for both. People using simplex mode, where RX and TX happen on the same frequency, sometimes trick their radios into thinking they are operating Duplex but the above procedure. This allows them to set DVAR to "Require Proper RPT1", or WinDV's RF Access tab to "Check for valid RPT1 on RF calls" or ircDDBGateway's RPT1 Validation to "On." Of course, it's a lot easier just to not ask your program to validate RPT1 and/or RPT2.)

Dave is being authenticated by DPlus. ircDDBGateway at startup shows the message "D-Plus reply is OKRW", so I was wrong about that.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Fred PA4YBR
Sent: Sunday, March 10, 2013 1:51 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: Problems with PA4YBR mini hot spot connected to Raspberry Pi ---Please Help!

Dave,

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Based on the data given so far, it looks like the board and its connection to the Pi seems to be fine.

That said, it IS kinda strange that it the Pi doesnt respond to your DTMF commands. Would you be able to drop us some logfiles of the software?

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Fred

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> set-up instructions for the Raspberry software and the mini hot spot for
use
> in this application would be greatly appreciated.
>
> Thanks in advance for your help,
>
> 73,
> Dave
> K5HC

9911. DVRPTR v1

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-11 15:04:57 UTC
From: robert_yablans
Topic: 9911 Message: 9911

Hi!
I currently run a DVRPTR board-will it run with the DVAR hotspot software? If so, do I uninstall the DVRPTR Win driver then install
the win DVAR driver. Where do I get the USB driver for my board.
Thanks!

9912. RE: [gmsk_dv_node] DVRPTR v1

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-11 15:19:01 UTC
From: Fred PA4YBR
Topic: 9911 Message: 9912

Hi Robert,

Nope, it doesn't run with that software.

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of robert_yablans
Sent: Monday, March 11, 2013 4:05 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] DVRPTR v1

Hi!
I currently run a DVRPTR board-will it run with the DVAR hotspot software?
If so, do I uninstall the DVRPTR Win driver then install
the win DVAR driver. Where do I get the USB driver for my board.
Thanks!

9913. Re: DVRPTR v1

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-11 15:38:12 UTC
From: robert_yablans
Topic: 9911 Message: 9913

Thank You!

--- In gmsk_dv_node@yahoogroups.com, "Fred PA4YBR" <fred@...> wrote:
>
> Hi Robert,
>
> Nope, it doesn't run with that software.
>
> --fred
>
> _____
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of robert_yablans
> Sent: Monday, March 11, 2013 4:05 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] DVRPTR v1
>
>
>
>
> Hi!
> I currently run a DVRPTR board-will it run with the DVAR hotspot software?
> If so, do I uninstall the DVRPTR Win driver then install
> the win DVAR driver. Where do I get the USB driver for my board.
> Thanks!
>

9914. Aluminimum Enclosure for Mini-Hotspot and HSA (Black)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-11 16:57:21 UTC
From: Kent Johnson
Topic: 9907 Message: 9914

Any other option where holes my be provided?
Kent W7AOR
-----Original Message-----
From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, March 11, 2013 3:52 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Digest Number 1283

There are 4 messages in this issue.

Topics in this digest:

1. Aluminimum Enclosure for Mini-Hotspot and HSA (Black)
From: oeneightcibi

2a. Re: Problems with PA4YBR mini hot spot connected to Raspberry Pi ---
From: dakleeberg
2b. Re: Problems with PA4YBR mini hot spot connected to Raspberry Pi ---
From: Fred PA4YBR
2c. Re: Problems with PA4YBR mini hot spot connected to Raspberry Pi ---
From: J. M. Moen

Messages

---

1. Aluminimum Enclosure for Mini-Hotspot and HSA (Black)
Posted by: "oeneightcibi" minchiazza_2003@... oeneightcibi
Date: Sun Mar 10, 2013 8:53 am ((PDT))

Dear OMs,

just per info I want to inform you that the box sold by MicroWalt as
"Aluminimum Enclosure for Mini-Hotspot and HSA (Black)" Product number
BOX0000011, is a raw aluminum box WITHOUT any hole drilled, sold at 17,50
Euro plus S&H.
Nowhere in the website is written that the box is a plain black aluminum
box without any hole and is sold as specific for a product, which is NOT.
I requested in a message in this group and via email if a stencil or
template for the holes could be provided but MicroWalt is NOT replying to
the emails or requests.

So if you want to buy the BOX to have a nice equipment, you have to drill
the following holes:

Here are the (metric) measures:

Back panel:
- DB-9 CONNECTOR PORT (Rectangular hole): 6mm from the left side, hole

measures are 18x12 mm, then drill two holes for the hexagonal pillars.
The hole must be around 8 mm from the bottom of the frame:
- USB CONNECTOR PORT (Squared hole): 6mm from the right side, hole measures are 12x12mm.
The hole must be around 9mm from the bottom of the frame.

Front panel:
This is up to you on how to solder the LEDs, I left the LEDs terminators at the original length and soldered them barely at the end bend then the terminals. on this way the LEDs are almost exactly at the end of the box and long enough to have the "head" outside the box:

Distance from the right to the center of each LED, each hole should be around 9mm from the bottom of the frame:

1st: 11mm
2nd: 20mm
3rd: 26mm
4th: 34mm
5th: 42mm
6th: 50mm

A side note: Customer Care Policy and Communication are the core for any company.
If you are getting paid for a service, you MUST provide a proper and complete service.
If you get money for a product, you MUST provide a fully funcional and complete product.
If you sell something you MUST provide a complete detail of your goods.

Messages in this topic (1)

2a. Re: Problems with PA4YBR mini hot spot connected to Raspberry Pi ---
Posted by: "dakleeberg" dakleeberg@... dakleeberg
Date: Sun Mar 10, 2013 1:35 pm ((PDT))

Hi Jim,

Thanks for the suggestion. I agree with you that it seems like a DPlus authentication problem. I tried your suggestion and still get the same error message (Not passing UR:K5HC /INFO scr:2, to outgoing links) in the ircDDB log window. Do you think there might be some sort of problem with my call sign registration? I notice that on my radios I a rpt? error after keying up any of the PAPA repeaters. I haven't tried much in the way of linking and unlinking, but I am able to communicate locally through the repeaters. On the radios I just use K5HC as MY CALL.

Any further ideas would be greatly appreciated.

Thanks and 73,
Dave

K5HC

--- In gmsk_dv_node@yahoogroups.com, "J. M. Moen" <jim@...> wrote:
>
> Dave,
>
> This feels like a DPlus authentication problem.
>
> REF012A, as you know, is a DPlus reflector, and Robin checks that there's
a
> valid terminal for your Login callsign. As far as I know, the node
callsign
> and band (module) must also be registered as a terminal.
>
> If DPlus won't authenticate you, you are allowed to connect read-only and
> listen, but you won't be allowed to transmit out to the connected repeater
> or reflector.
>
> I notice on http://query.ke5bms.com/index.php that you have defined three
> terminals at the KJ6BWR G2 repeater: K5HC with a blank initial, plus K5HC
> initial A, and K5HC initial N.
>
> So I assume your D-Plus tab shows Login as "K5HC N" with 3 spaces so the
N
> is in position 8. You are probably calling your hotspot K5HC with a band
> (module) of A or blank.
>
> If you've got something different, that may be the cause of the problem.
>
> Jim - K6JM
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
On
> Behalf Of dakleeberg
> Sent: Saturday, March 02, 2013 5:42 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Problems with PA4YBR mini hot spot connected to
> Raspberry Pi ---Please Help!
> Hi,
>
> I have a PA4YBR mini hot spot connected to a Raspberry Pi running the
> Jonathan Naylor GMSK Repeater and ircDDB software downloaded from
> westerndstar.co.uk. My analog radio is a Yaesu FT-7800 with a homebrew
> cable. My DStar radio is an ID-31A.
>
> I have checked out the mini hot spot board and my analog radio/homebrew
> cable with NAWinTest and I have good receive levels and the echo test
works
> fine. I assume that means I have the FT-7800 and the ID-31 A configured
> correctly and that my homebrew cable is fine.

>
> When I manually connect to Reflector 12A using the GMSK Repeater and
ircDDB
> software on the PI, I can hear stations and I get the digital header
> information scrolling across the bottom of the screen on the ID-31A.
> However, I can not transmit. When I key up the ID-31, the green light on
the
> mini hot spot comes on and when I unkey it goes off. The red light on the
> mini hotspot comes on when I receive another station.
>
> When I try to use commands such as *30C or # from the ID-31A DTMF memory,
> nothing happens with the hot spot. I can hear hear the tones go out when I
> key up and press the squelch button on the side of the radio.
>
> I noticed an error in the log screen on the ircDDB window the says the
> following: Not passing UR:K5HC /INFO scr:2, to outgoing links.
>
> Getting very frustrated and hoping that someone out there can help.
Detailed
> set-up instructions for the Raspberry software and the mini hot spot for
use
> in this application would be greatly appreciated.
>
> Thanks in advance for your help,
>
> 73,
> Dave
> K5HC
>

Messages in this topic (7)

2b. Re: Problems with PA4YBR mini hot spot connected to Raspberry Pi ---
Posted by: "Fred PA4YBR" fred@... dstar_dutch
Date: Sun Mar 10, 2013 1:51 pm ((PDT))

Dave,

Which kind of board do you have? We made 5 so far, so some
additional info would help.

Based on the data given so far, it looks like the board and its connection
to the Pi seems to be fine.

That said, it IS kinda strange that it the Pi doesnt respond to your
DTMF commands. Would you be able to drop us some logfiles of
the software?

Thanks,

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of dakleeberg
Sent: Sunday, March 10, 2013 9:36 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Problems with PA4YBR mini hot spot connected to Raspberry Pi ---Please Help!

Hi Jim,

Thanks for the suggestion. I agree with you that it seems like a DPlus authentication problem. I tried your suggestion and still get the same error message (Not passing UR:K5HC /INFO scr:2, to outgoing links) in the ircDDB log window. Do you think there might be some sort of problem with my call sign registration? I notice that on my radios I a rpt? error after keying up any of the PAPA repeaters. I haven't tried much in the way of linking and unlinking, but I am able to communicate locally through the repeaters. On the radios I just use K5HC as MY CALL.

Any further ideas would be greatly appreciated.

Thanks and 73,
Dave
K5HC

--- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
, "J. M. Moen" <jim@...> wrote:
>
> Dave,
>
> This feels like a DPlus authentication problem.
>
> REF012A, as you know, is a DPlus reflector, and Robin checks that there's
a
> valid terminal for your Login callsign. As far as I know, the node
callsign
> and band (module) must also be registered as a terminal.
>
> If DPlus won't authenticate you, you are allowed to connect read-only and
> listen, but you won't be allowed to transmit out to the connected repeater
> or reflector.
>
> I notice on http://query.ke5bms.com/index.php that you have defined three
> terminals at the KJ6BWR G2 repeater: K5HC with a blank initial, plus K5HC
> initial A, and K5HC initial N.
>
> So I assume your D-Plus tab shows Login as "K5HC N" with 3 spaces so the N
> is in position 8. You are probably calling your hotspot K5HC with a band
> (module) of A or blank.
>
> If you've got something different, that may be the cause of the problem.
>

> Jim - K6JM
>
> From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
[mailto:gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
] On
> Behalf Of dakleeberg
> Sent: Saturday, March 02, 2013 5:42 PM
> To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
> Subject: [gmsk_dv_node] Problems with PA4YBR mini hot spot connected to
> Raspberry Pi ---Please Help!
> Hi,
>
> I have a PA4YBR mini hot spot connected to a Raspberry Pi running the
> Jonathan Naylor GMSK Repeater and ircDDB software downloaded from
> westerndstar.co.uk. My analog radio is a Yaesu FT-7800 with a homebrew
> cable. My DStar radio is an ID-31A.
>
> I have checked out the mini hot spot board and my analog radio/homebrew
> cable with NAWinTest and I have good receive levels and the echo test
works
> fine. I assume that means I have the FT-7800 and the ID-31 A configured
> correctly and that my homebrew cable is fine.
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> When I manually connect to Reflector 12A using the GMSK Repeater and
ircDDB
> software on the PI, I can hear stations and I get the digital header
> information scrolling across the bottom of the screen on the ID-31A.
> However, I can not transmit. When I key up the ID-31, the green light on
the
> mini hot spot comes on and when I unkey it goes off. The red light on the
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> When I try to use commands such as *30C or # from the ID-31A DTMF memory,
> nothing happens with the hot spot. I can hear hear the tones go out when I
> key up and press the squelch button on the side of the radio.
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> I noticed an error in the log screen on the ircDDB window the says the
> following: Not passing UR:K5HC /INFO scr:2, to outgoing links.
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> Getting very frustrated and hoping that someone out there can help.
Detailed
> set-up instructions for the Raspberry software and the mini hot spot for
use
> in this application would be greatly appreciated.
>
> Thanks in advance for your help,
>
> 73,
> Dave
> K5HC

>

Messages in this topic (7)

2c. Re: Problems with PA4YBR mini hot spot connected to Raspberry Pi ---
Posted by: "J. M. Moen" jim@... k6jm_jim
Date: Mon Mar 11, 2013 3:25 am ((PDT))

Dave and I have been corresponding off-list, and he sent me a screen shot that shows he's configured GMSKRepeater to have RPT1 Validation On. This is a simplex Hotspot, so I've advised him either to set that Off, or to trick his radio into thinking it's doing full duplex by setting DUP + or DUP - and setting offset to zero, then filling in a proper RPT1 value.

(For people new to this - D-Star radios not in DUP mode do not transmit the values in RPT1 and RPT2. Instead, they transmit "DIRECT" for both. People using simplex mode, where RX and TX happen on the same frequency, sometimes trick their radios into thinking they are operating Duplex but the above procedure. This allows them to set DVAR to "Require Proper RPT1", or WinDV's RF Access tab to "Check for valid RPT1 on RF calls" or ircDDBGateway's RPT1 Validation to "On." Of course, it's a lot easier just to not ask your program to validate RPT1 and/or RPT2.)

Dave is being authenticated by DPlus. ircDDBGateway at startup shows the message "D-Plus reply is OKRW", so I was wrong about that.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Fred PA4YBR
Sent: Sunday, March 10, 2013 1:51 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: Problems with PA4YBR mini hot spot connected to Raspberry Pi ---Please Help!

Dave,

Which kind of board do you have? We made 5 so far, so some additional info would help.

Based on the data given so far, it looks like the board and its connection to the Pi seems to be fine.

That said, it IS kinda strange that it the Pi doesnt respond to your DTMF commands. Would you be able to drop us some logfiles of the software?

Thanks,

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of dakleeberg

Sent: Sunday, March 10, 2013 9:36 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Problems with PA4YBR mini hot spot connected to Raspberry Pi ---Please Help!
Hi Jim,

Thanks for the suggestion. I agree with you that it seems like a DPlus authentication problem. I tried your suggestion and still get the same error message (Not passing UR:K5HC /INFO scr:2, to outgoing links) in the ircDDB log window. Do you think there might be some sort of problem with my call sign registration? I notice that on my radios I a rpt? error after keying up any of the PAPA repeaters. I haven't tried much in the way of linking and unlinking, but I am able to communicate locally through the repeaters. On the radios I just use K5HC as MY CALL.

Any further ideas would be greatly appreciated.

Thanks and 73,
Dave
K5HC

--- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
, "J. M. Moen" <jim@...> wrote:
>
> Dave,
>
> This feels like a DPlus authentication problem.
>
> REF012A, as you know, is a DPlus reflector, and Robin checks that there's
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> valid terminal for your Login callsign. As far as I know, the node
callsign
> and band (module) must also be registered as a terminal.
>
> If DPlus won't authenticate you, you are allowed to connect read-only and
> listen, but you won't be allowed to transmit out to the connected repeater
> or reflector.
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> I notice on http://query.ke5bms.com/index.php that you have defined three
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> So I assume your D-Plus tab shows Login as "K5HC N" with 3 spaces so the N
> is in position 8. You are probably calling your hotspot K5HC with a band
> (module) of A or blank.
>
> If you've got something different, that may be the cause of the problem.
>
> Jim - K6JM
>
> From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>

[mailto:gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
] On
> Behalf Of dakleeberg
> Sent: Saturday, March 02, 2013 5:42 PM
> To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
> Subject: [gmsk_dv_node] Problems with PA4YBR mini hot spot connected to
> Raspberry Pi ---Please Help!
> Hi,
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> I have a PA4YBR mini hot spot connected to a Raspberry Pi running the
> Jonathan Naylor GMSK Repeater and ircDDB software downloaded from
> westerndstar.co.uk. My analog radio is a Yaesu FT-7800 with a homebrew
> cable. My DStar radio is an ID-31A.
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> I have checked out the mini hot spot board and my analog radio/homebrew
> cable with NAWinTest and I have good receive levels and the echo test
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> fine. I assume that means I have the FT-7800 and the ID-31 A configured
> correctly and that my homebrew cable is fine.
>
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ircDDB
> software on the PI, I can hear stations and I get the digital header
> information scrolling across the bottom of the screen on the ID-31A.
> However, I can not transmit. When I key up the ID-31, the green light on
the
> mini hot spot comes on and when I unkey it goes off. The red light on the
> mini hotspot comes on when I receive another station.
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> When I try to use commands such as *30C or # from the ID-31A DTMF memory,
> nothing happens with the hot spot. I can hear hear the tones go out when I
> key up and press the squelch button on the side of the radio.
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> I noticed an error in the log screen on the ircDDB window the says the
> following: Not passing UR:K5HC /INFO scr:2, to outgoing links.
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> Getting very frustrated and hoping that someone out there can help.
Detailed
> set-up instructions for the Raspberry software and the mini hot spot for
use
> in this application would be greatly appreciated.
>
> Thanks in advance for your help,
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> 73,
> Dave
> K5HC

Messages in this topic (7)

Yahoo! Groups Links

9915. gmsk modem and a kenwood tm-733a

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-13 01:40:40 UTC
From: w4mpq
Topic: 9915 Message: 9915

which gmsk modem will work with the kenwood tm-733a radio with least external circuits? has anyone used this radio for a hot spot?
thanks
bob

9916. Re: [gmsk_dv_node] gmsk modem and a kenwood tm-733a

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-13 02:25:51 UTC
From: Dave-KB1PVH
Topic: 9915 Message: 9916

Bob,

It should work just fine with the Dutch Star, MoenComm, or Satoshi boards. I haven't heard of anyone using that radio, but it's 9600 baud packet capable so it should be fine.

Dave-KB1PVH

Sent from my Verizon Wireless 4G LTE DROID

w4mpq <w4mpq@hotmail.com> wrote:

>which gmsk modem will work with the kenwood tm-733a radio with least external circuits? has anyone used this radio for a hot spot?
>thanks
>bob
>

9917. MASTR2 on DSTAR

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-16 15:01:12 UTC
From: B
Topic: 9917 Message: 9917

A technical question, please don't opinion-ate here on merit of this idea. I'd like to know about successful modifications.
I have a GE MASTR2 operating on 2 Meters for many years. As with many FM repeaters it gets very little use. There are currently no DSTAR repeaters in this area although there are many DSTAR equipped hams.
I am aware that the MASTR2 modulation is not suitable for direct interface with Node controllers such as the MoenComm board. I have heard of MASTR2s being modified successfully to pass DSTAR signals (perhaps by modulating the TCXO)even to work both modes.
Can anyone supply info about such mods and details of them?

9918. RE: [gmsk_dv_node] MASTR2 on DSTAR

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-16 17:55:05 UTC
From: Ron Wright
Topic: 9917 Message: 9918

I replied on the MII board, but here is again.

I can speak of mods to GE Mastr Exec II for DSTAR which I think can be applied to the Mastr IIs.

In the Exec IIs there is temp comp circuit on the exciter and this
voltage is fed to a varactor diode in both the tx and rx crystal holders
(not ICOMs) and this will adjust the freq of the xtal to comp for temp
drift. This circuit feeds both the tx and rx
xtal holders and the reason one must have an exciter in Exec II to tune
rcvr, that is put on freq.

We cut this line between the rcv and exciter xtal holder, insert a 56 k
resistor and put a 0.1uf cap on the rcvr side and then feed DSTAR data
to the exciter side. This modulates the exciter vacactor diode/freq in
direct FM the tx, but the 0.1uf cap on rx
side keeps the DSTAR data out of the rcvr. This works very well.

I am using as a hybrid DSTAR/analog repeater where if user has
tone/CTCSS the repeater operates in analog disconnecting the DSTAR data
and PTT, but if no tone then operates in DSTAR. I have a DSTAR
controller made by a friend that delays the DSTAR data for
250 ms to allow tx to key up and does some conditioning of the data. It
also looks for 4800 baud data to get some idea the data is DSTAR. If
you have internet access at your site then one of the HotSpot boards
with computer can be used to access the internet/GateWay.

I am now working on using a HotSpot along with a RaspBerry PI as the computer for making DSTAR repeater.

For rx cata I take DSTAR data directly from the rcvr discrementator with no sig
conditioning. Works fine.

The main issues with the tx data is making sure it is 1. not distorted,
does not have over shoot and is rounded at corners, and 2. not
inverted. Some HotSpot boards have jumper for invert/non-invert of data
to comp for what might be coming in or going out.

I think you can also mod the MII's tx ICOM to do above. I believe the
varactor diode is inside the ICOM, but depending on the ICOM type, 2C,
5C EC, will depend on the DSTAR data interface to the exciter.

73, ron, n9ee/r

73, ron, n9ee/r
Ron Wright, N9EE/RBSEEMicro Computer Concepts352-683-4476mccrpt@...

To: gmsk_dv_node@yahoogroups.com
From: k2ilh@...
Date: Sat, 16 Mar 2013 15:01:12 +0000
Subject: [gmsk_dv_node] MASTR2 on DSTAR

A technical question, please don't opinion-ate here on merit of this idea. I'd like to know about successful modifications.

I have a GE MASTR2 operating on 2 Meters for many years. As with many FM repeaters it gets very little use. There are currently no DSTAR repeaters in this area although there are many DSTAR equipped hams.

I am aware that the MASTR2 modulation is not suitable for direct interface with Node controllers such as the MoenComm board. I have heard of MASTR2s being modified successfully to pass DSTAR signals (perhaps by modulating the TCXO)even to work both modes.

Can anyone supply info about such mods and details of them?

9919. RE: [gmsk_dv_node] MASTR2 on DSTAR

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-16 18:16:12 UTC
From: RAY HARDEN
Topic: 9917 Message: 9919

Here's your answer ... Later

Ray

Sent from my Galaxy S®III

-------- Original message --------
From: Ron Wright <mccrpt@tampabay.rr.com>
Date:
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] MASTR2 on DSTAR

I replied on the MII board, but here is again.

I can speak of mods to GE Mastr Exec II for DSTAR which I think can be applied to the Mastr IIs.

In the Exec IIs there is temp comp circuit on the exciter and this voltage is fed to a varactor diode in both the tx and rx crystal holders (not ICOMs) and this will adjust the freq of the xtal to comp for temp drift. This circuit feeds both the tx and rx xtal holders and the reason one must have an exciter in Exec II to tune rcvr, that is put on freq.

We cut this line between the rcv and exciter xtal holder, insert a 56 k resistor and put a 0.1uf cap on the rcvr side and then feed DSTAR data to the exciter side. This modulates the exciter vacactor diode/freq in direct FM the tx, but the 0.1uf cap on rx side keeps the DSTAR data out of the rcvr. This works very well.

I am using as a hybrid DSTAR/analog repeater where if user has tone/CTCSS the repeater operates in analog disconnecting the DSTAR data and PTT, but if no tone then operates in DSTAR. I have a DSTAR controller made by a friend that delays the DSTAR data for 250 ms to allow tx to key up and does some conditioning of the data. It also looks for 4800 baud data to get some idea the data is DSTAR. If you have internet access at your site then one of the HotSpot boards with computer can be used to access the internet/GateWay.

I am now working on using a HotSpot along with a RaspBerry PI as the computer for making DSTAR repeater.

For rx cata I take DSTAR data directly from the rcvr discrementator with no sig conditioning. Works fine.

The main issues with the tx data is making sure it is 1. not distorted, does not have over shoot and is rounded at corners, and 2. not inverted. Some HotSpot boards have jumper for invert/non-invert of data to comp for what might be coming in or going out.

I think you can also mod the MII's tx ICOM to do above. I believe the varactor diode is inside the ICOM, but depending on the ICOM type, 2C, 5C EC, will depend on the DSTAR data interface to the exciter.

73, ron, n9ee/r

73, ron, n9ee/r

Ron Wright, N9EE/R
BSEE
Micro Computer Concepts
352-683-4476
mccrpt@tampabay.rr.com

To: gmsk_dv_node@yahoogroups.com
From: k2ilh@arrl.net
Date: Sat, 16 Mar 2013 15:01:12 +0000
Subject: [gmsk_dv_node] MASTR2 on DSTAR

A technical question, please don't opinion-ate here on merit of this idea. I'd like to know about successful modifications.
I have a GE MASTR2 operating on 2 Meters for many years. As with many FM repeaters it gets very little use. There are currently no DSTAR repeaters in this area although there are many DSTAR equipped hams.
I am aware that the MASTR2 modulation is not suitable for direct interface with Node controllers such as the MoenComm board. I have heard of MASTR2s being modified successfully to pass DSTAR signals (perhaps by modulating the TCXO)even to work both modes.
Can anyone supply info about such mods and details of them?

9920. Re: MASTR2 on DSTAR

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-18 19:08:54 UTC
From: wd8ocs
Topic: 9917 Message: 9920

There was a detailed discussion about converting/modifying MII's a couple of years ago. Use the Search box above to look for posts by KD8B, then scroll back through those until you get to February of 2011. Lots of good information about MII's MIIe's and MIII's. Doug is very familiar with those stations.

Good luck,

Chris

--- In gmsk_dv_node@yahoogroups.com, "B" <k2ilh@...> wrote:
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>

9921. RE: [gmsk_dv_node] Digest Number 1287

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-19 14:09:32 UTC
From: Doug Bade
Topic: 9921 Message: 9921

I had been staying out of this one as the poster was asking for someone who had done it to chime in and while had I researched a lot I had not actually tried D-Star on a Mastr II station. I have a lot of experience with GMSK on Mastr II and Mastr III and I DO have experience with Mastr III D-star and can extrapolate (and did) regarding feasibility of D-Star on Mastr II.

If the original poster needs empirical data on D-Star on Mastr II to proceed, I would say he needs to try it, as so far, I do not think anyone specially has published any specific tests or results.

What I do have a concern for on Mastr II is frequency stability as well as PLL lock time on the PLL board (forget phase modulator) as the PLL board will need to be on all the time. I know in Mastr III I had to lock the exciter on all the time as the carrier swing on key-up , as small as it was, butchered header data on the D-Star repeat.

Mastr II Direct FM and PLL exciters were used for EDACS and Voice Guard, both of which are wider bandwidth GMSK than is D-Star. Carrier swing of a couple hundred hz on transients was not a big deal on a 12k5 or 25k0 modulation scheme but much more an issue with 6k25.

As Chris mentioned we discussed a lot of this a way back. I have Mastr III stations which were much more suited to stability etc to handle the task. I walked away from Mastr II as more effort than I chose to put in. That being said I DO think you can make it work on Mastr II Direct FM or PLL versions of Exciters. but tinkering with PTT timing and data timing will be needed.

Discriminator should easily feed GMSK out to rx side as it does in factory stations for EDACS.

Doug

KD8B

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, March 19, 2013 7:01 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Digest Number 1287

<http://groups.yahoo.com/;_ylc=X3oDMTJlODUxM2tmBF9TAzk3MzU5NzE1BGdycElkAzIzMzc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTM2MzY5MDg1NA--> Yahoo! Groups

<http://groups.yahoo.com/group/gmsk_dv_node;_ylc=X3oDMTJlZmFjNG0zBF9TAzk3MzU5NzE1BGdycElkAzIzMzc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDaGRyBHNsawNocGgEc3RpbWUDMTM2MzY5MDg1NA--> D-STAR GMSK Simplex Nodes and Repeaters Group

1 New Message

Digest #1287

1a

Re: MASTR2 on DSTAR by "wd8ocs" wd8ocs

Message

1a

<http://groups.yahoo.com/group/gmsk_dv_node/message/9920;_ylc=X3oDMTJyaXNtdTJ2BF9TAzk3MzU5NzE1BGdycElkAzIzMzc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAM5OTIwBHNlYwNkbXNnBHNsawN2bXNnBHN0aW1lAzEzNjM2OTA4NTQ-> Re: MASTR2 on DSTAR

Mon Mar 18, 2013 12:08 pm (PDT) . Posted by:

<mailto:wd8ocs@...?subject=Re%3A%20MASTR2%20on%20DSTAR> "wd8ocs" wd8ocs

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<mailto:wd8ocs@...?subject=Re%3A%20MASTR2%20on%20DSTAR> Reply to sender .
<mailto:gmsk_dv_node@yahoogroups.com?subject=Re%3A%20MASTR2%20on%20DSTAR> Reply to group .
<http://groups.yahoo.com/group/gmsk_dv_node/post;_ylc=X3oDMTJydjM3a2IwBF9TAzk3MzU5NzE1BGdycElkAzIzMzc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAM5OTIwBHNlYwNkbXNnBHNsawNycGx5BHN0aW1lAzEzNjM2OTA4NTQ-?act=reply&messageNum=9920> Reply via Web Post .
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IwBHNlYwNkbXNnBHNsawN2dHBjBHN0aW1lAzEzNjM2OTA4NTQEdHBjSWQDOTkxNw--> All Messages (4) . Top ^

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<http://groups.yahoo.com/group/gmsk_dv_node/messages;_ylc=X3oDMTJna2Zpc3VwBF9TAzk3MzU5NzE1BGdycElkAzIzMzc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZG1zZwRzbGsDYXRwYwRzdGltZQMxMzYzNjkwODU0?xm=1&m=p&tidx=1> View All Topics

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<http://groups.yahoo.com/group/gmsk_dv_node/post;_ylc=X3oDMTJnMHIxcmw1BF9TAzk3MzU5NzE1BGdycElkAzIzMzc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZG1zZwRzbGsDbnRwYwRzdGltZQMxMzYzNjkwODU0> Create New Topic

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<http://groups.yahoo.com/group/gmsk_dv_node/members;_ylc=X3oDMTJnanZqN2UyBF9TAzk3MzU5NzE1BGdycElkAzIzMzc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDdnRsBHNsawN2bWJycwRzdGltZQMxMzYzNjkwODU0?o=6> 12 New Members

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We are making changes based on your feedback, Thank you !

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<http://groups.yahoo.com/group/gmsk_dv_node/join;_ylc=X3oDMTJndGNhbHBpBF9TAzk3MzU5NzE1BGdycElkAzIzMzc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNzdG5ncwRzdGltZQMxMzYzNjkwODU0> CHANGE SETTINGS

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9922. RE: [gmsk_dv_node] Digest Number 1287

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-19 14:42:23 UTC
From: Fred PA4YBR
Topic: 9921 Message: 9922

How about leaving the exciter on (and locked), and just key the PA ?

That is how we in Holland did it with the TXU1256 units... RX and TX are
both
on (and, thus, locked) all the time, and for TX, we just key the PA module..

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of Doug Bade
Sent: Tuesday, March 19, 2013 3:10 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Digest Number 1287

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KD8B

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, March 19, 2013 7:01 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Digest Number 1287

<http://groups.yahoo.com/;_ylc=X3oDMTJlODUxM2tmBF9TAzk3MzU5NzE1BGdycElkAzIzM
zc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTM2MzY5MDg1N
A--> Yahoo! Groups

<http://groups.yahoo.com/group/gmsk_dv_node;_ylc=X3oDMTJlZmFjNG0zBF9TAzk3MzU
5NzE1BGdycElkAzIzMzc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDaGRyBHNsawNocGgEc3R
pbWUDMTM2MzY5MDg1NA--> D-STAR GMSK Simplex Nodes and Repeaters Group

1 New Message

Digest #1287

1a

Re: MASTR2 on DSTAR by "wd8ocs" wd8ocs

Message

1a

<http://groups.yahoo.com/group/gmsk_dv_node/message/9920;_ylc=X3oDMTJyaXNtdT
J2BF9TAzk3MzU5NzE1BGdycElkAzIzMzc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAM5OT
IwBHNlYwNkbXNnBHNsawN2bXNnBHN0aW1lAzEzNjM2OTA4NTQ-> Re: MASTR2 on DSTAR

Mon Mar 18, 2013 12:08 pm (PDT) . Posted by:

<mailto:wd8ocs@...?subject=Re%3A%20MASTR2%20on%20DSTAR> "wd8ocs"
wd8ocs

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<http://groups.yahoo.com/group/gmsk_dv_node/post;_ylc=X3oDMTJydjM3a2IwBF9TAzk3MzU5NzE1BGdycElkAzIzMzc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAM5OTIwBHNlYwNkbXNnBHNsawNycGx5BHN0aW1lAzEzNjM2OTA4NTQ-?act=reply&messageNum=9920> Reply via Web Post .
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We are making changes based on your feedback, Thank you !

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<http://groups.yahoo.com/group/gmsk_dv_node/join;_ylc=X3oDMTJndGNhbHBpBF9TAzk3MzU5NzE1BGdycElkAzIzMzc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNzdG5ncwRzdGltZQMxMzYzNjkwODU0> CHANGE SETTINGS

<http://groups.yahoo.com/group/gmsk_dv_node/join;_ylc=X3oDMTJndGNhbHBpBF9TAzk3MzU5NzE1BGdycElkAzIzMzc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNzdG5ncwRzdGltZQMxMzYzNjkwODU0> >

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9923. Rasberry PI with Moen Board Problem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-19 14:59:45 UTC
From: W8CTC
Topic: 9923 Message: 9923

Hello,

I am trying to use my Moen star board with my Rasberry PI running the western Dstar software package GMSK+IRCDDB+VNC. The log on the GMSK NODE shows that the firmware is not supported. I am also trying to run this in duplex repeater mode. The radio will TX once with a RX from another radio and then will not key up again.

Chris
W8CTC

9924. RE: [gmsk_dv_node] Digest Number 1287

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-19 15:30:14 UTC
From: Ron Wright
Topic: 9921 Message: 9924

I use a controller that has about 250 ms delay just to let the tx come up and settle. I had hoped any control would have this feature. Not sure how ICOM handles this. A good delay module would be good to use. The Ham that developed the control I have also makes a delay line, but I have not tried it.

I never like having a PA that is being driven even is no power and switching a PA that is drawing high current is usually not desired, but if it works for you then this is the main issue.

73, ron, n9ee/r
Ron Wright, N9EE/RBSEEMicro Computer Concepts352-683-4476mccrpt@...

To: gmsk_dv_node@yahoogroups.com
From: fred@...
Date: Tue, 19 Mar 2013 15:42:23 +0100
Subject: RE: [gmsk_dv_node] Digest Number 1287

How about leaving the exciter on (and locked), and just key
the PA ?

That is how we in Holland did it with the TXU1256 units... RX
and TX are both
on (and, thus, locked) all the time, and for TX, we just key
the PA module..

--fred

From: gmsk_dv_node@yahoogroups.com
[mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Doug
Bade
Sent: Tuesday, March 19, 2013 3:10 PM
To:
gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Digest Number
1287

I had been
staying out of this one as the poster was asking for someone who had done it to chime in and while had I researched a lot I had not actually tried D-Star on a Mastr II station. I have a lot of experience with GMSK on Mastr II and Mastr III and I DO have experience with Mastr III D-star and can extrapolate (and did) regarding feasibility of D-Star on Mastr II.

If the original
poster needs empirical data on D-Star on Mastr II to proceed, I would say he needs to try it, as so far, I do not think anyone specially has published any specific tests or results.

What I do have
a concern for on Mastr II is frequency stability as well as PLL lock time on the PLL board (forget phase modulator) as the PLL board will need to be on all the time. I know in Mastr III I had to lock the exciter on all the time as the carrier swing on key-up , as small as it was, butchered header data on the D-Star repeat.

Mastr II Direct
FM and PLL exciters were used for EDACS and Voice Guard, both of which are wider bandwidth GMSK than is D-Sta
r. Carrier swing of a couple hundred hz on
transients was not a big deal on a 12k5 or 25k0 modulation scheme but much more an issue with 6k25.

As Chris
mentioned we discussed a lot of this a way back. I have Mastr III stations which were much more suited to stability etc to handle the task… I walked away from Mastr II as more effort than I chose to put in. That being said I DO think you can make it work on Mastr II Direct FM or PLL versions of Exciters… but tinkering with PTT timing and data timing will be needed.
Discriminator
should easily feed GMSK out to rx side as it does in factory stations for EDACS…

Doug
KD8B

From: gmsk_dv_node@yahoogroups.com
[mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, March 19, 2013
7:01 AM
To: gmsk_dv_node@yahoogroups.com
Subject:
[gmsk_dv_node] Digest Number 1287

D-STAR GMSK Simplex Nodes and
Repeaters Group

1
New Message

Digest #1287

1a

Re: MASTR2 on DSTAR
by
"wd8ocs" wd8ocs

Message

1a
Re: MASTR2 on

DSTAR

Mon
Mar 18, 2013 12:08 pm (PDT) . Posted by:
"wd8ocs" wd8ocs

There was a
detailed discussion about converting/modifying MII's a couple of years ago. Use
the Search box above to look for posts by KD8B, then scroll back through those
until you get to February of 2011. Lots of good information about MII's MIIe's
and MIII's. Doug is very familiar with those stations.

Good
luck,

Chris

--- In gmsk_dv_node@yahoogroups.com,
"B" <k2ilh@...> wrote:
>
> A
technical question, please don't opinion-ate here on merit of this idea. I'd
like to know about successful modifications.
> I have a GE MASTR2
operating on 2 Meters for many years. As with many FM repeaters it gets very
little use. There are currently no DSTAR repeaters in this area although there
are many DSTAR equipped hams.
> I am aware that the MASTR2 modulation is
not suitable for direct interface with Node controllers such as the MoenComm
board. I have heard of MASTR2s being modified successfully to pass DSTAR signals
(perhaps by modulating the TCXO)even to work both modes.
> Can anyone
supply info about such mods and details of them?
>

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Reply to group .
Reply via Web Post .
All Messages (4) .
Top ^

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>

View All Topics

>

Create New Topic

>

12 New Members

>

We are making changes based on your feedback, Thank you !

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>

The Yahoo! Groups Product Blog

Check it out!

>

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TERMS OF USE

>

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9925. Re: [gmsk_dv_node] Rasberry PI with Moen Board Problem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-19 15:34:07 UTC
From: Terry Partigianoni
Topic: 9923 Message: 9925

Email dutch*star he will send you the updated firmware to make it work

Terry

Sent from my iPhone

On Mar 19, 2013, at 9:59 AM, "W8CTC" <chris_campton@...> wrote:

> Hello,
>
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>
> Chris
> W8CTC
>
>

9926. Re: [gmsk_dv_node] Rasberry PI with Moen Board Problem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-19 16:43:14 UTC
From: Dennis Rogers
Topic: 9923 Message: 9926

Update your firmware on the Moen Board.
Fix mine.

On Tue, Mar 19, 2013 at 9:59 AM, W8CTC <chris_campton@...> wrote:

> **
>
>
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> and then will not key up again.
>
> Chris
> W8CTC
>
>
>

--

Dennis, N5VRP
n5vrp.satx@...

9927. Mastr II on D-Star

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-19 18:24:05 UTC
From: Doug Bade
Topic: 9921 Message: 9927

The Mastr II PA is rf driven, not ptt switched.. The PTT switching is used to enable the exciter... Some of the exciters are PLL locked all the time, and rf out of the exciter is switched, as the poster did not indicate band of the Mastr II, my information was generic Mastr II subject to specific specific exciters that may or may not need modification for frequency locked capability. Carrier stability was only 2ppm on Mastr II althouigh better at any particular instant, 2ppm is pretty rough for a 6k25 repeater on 70cm.. again band not specified.
Doug
KD8B

--- In gmsk_dv_node@yahoogroups.com, "Fred PA4YBR" <fred@...> wrote:
>
> How about leaving the exciter on (and locked), and just key the PA ?
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> That is how we in Holland did it with the TXU1256 units... RX and TX are
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>
> _____
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> Behalf Of Doug Bade
> Sent: Tuesday, March 19, 2013 3:10 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: RE: [gmsk_dv_node] Digest Number 1287
>
>
>
>
>
>
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> KD8B
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> Sent: Tuesday, March 19, 2013 7:01 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Digest Number 1287
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>
> <http://groups.yahoo.com/;_ylc=X3oDMTJlODUxM2tmBF9TAzk3MzU5NzE1BGdycElkAzIzM
> zc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTM2MzY5MDg1N
> A--> Yahoo! Groups
>
>
> <http://groups.yahoo.com/group/gmsk_dv_node;_ylc=X3oDMTJlZmFjNG0zBF9TAzk3MzU
> 5NzE1BGdycElkAzIzMzc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDaGRyBHNsawNocGgEc3R
> pbWUDMTM2MzY5MDg1NA--> D-STAR GMSK Simplex Nodes and Repeaters Group
>
>
> 1 New Message
>
>
> Digest #1287
>
> 1a
>
> Re: MASTR2 on DSTAR by "wd8ocs" wd8ocs
>
>
> Message
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> 1a
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> <http://groups.yahoo.com/group/gmsk_dv_node/message/9920;_ylc=X3oDMTJyaXNtdT
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> IwBHNlYwNkbXNnBHNsawN2bXNnBHN0aW1lAzEzNjM2OTA4NTQ-> Re: MASTR2 on DSTAR
>
>
> Mon Mar 18, 2013 12:08 pm (PDT) . Posted by:
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> , "B" <k2ilh@> wrote:
> >
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> <mailto:gmsk_dv_node@yahoogroups.com?subject=Re%3A%20MASTR2%20on%20DSTAR>
> Reply to group .
> <http://groups.yahoo.com/group/gmsk_dv_node/post;_ylc=X3oDMTJydjM3a2IwBF9TAz
> k3MzU5NzE1BGdycElkAzIzMzc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAM5OTIwBHNlYw
> NkbXNnBHNsawNycGx5BHN0aW1lAzEzNjM2OTA4NTQ-?act=reply&messageNum=9920> Reply
> via Web Post .

> <http://groups.yahoo.com/group/gmsk_dv_node/message/9917;_ylc=X3oDMTM2ZWtnOG
> FhBF9TAzk3MzU5NzE1BGdycElkAzIzMzc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAM5OT
> IwBHNlYwNkbXNnBHNsawN2dHBjBHN0aW1lAzEzNjM2OTA4NTQEdHBjSWQDOTkxNw--> All
> Messages (4) . Top ^
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>
> <http://groups.yahoo.com/group/gmsk_dv_node;_ylc=X3oDMTJmN3VjamtwBF9TAzk3MzU
> 5NzE1BGdycElkAzIzMzc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDdnRsBHNsawN2Z2hwBHN
> 0aW1lAzEzNjM2OTA4NTQ-> Visit Your Group
>
>
> <http://groups.yahoo.com/group/gmsk_dv_node;_ylc=X3oDMTJmN3VjamtwBF9TAzk3MzU
> 5NzE1BGdycElkAzIzMzc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDdnRsBHNsawN2Z2hwBHN
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> sDYXRwYwRzdGltZQMxMzYzNjkwODU0?xm=1&m=p&tidx=1> View All Topics
>
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> <http://groups.yahoo.com/group/gmsk_dv_node/messages;_ylc=X3oDMTJna2Zpc3VwBF
> 9TAzk3MzU5NzE1BGdycElkAzIzMzc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZG1zZwRzbG
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> RwYwRzdGltZQMxMzYzNjkwODU0> Create New Topic
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> <http://groups.yahoo.com/group/gmsk_dv_node/post;_ylc=X3oDMTJnMHIxcmw1BF9TAz
> k3MzU5NzE1BGdycElkAzIzMzc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZG1zZwRzbGsDbn
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> 2bWJycwRzdGltZQMxMzYzNjkwODU0?o=6> 12 New Members
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>
> <http://groups.yahoo.com/group/gmsk_dv_node/members;_ylc=X3oDMTJnanZqN2UyBF9
> TAzk3MzU5NzE1BGdycElkAzIzMzc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDdnRsBHNsawN
> 2bWJycwRzdGltZQMxMzYzNjkwODU0?o=6> >
>
> We are making changes based on your feedback, Thank you !
>
>
> <mailto:ygroupsnotifications@yahoogroups.com?subject=Feedback%20on%20the%20r
> edesigned%20daily%20digest%20v4> Submit Feedback

>
>
> <mailto:ygroupsnotifications@yahoogroups.com?subject=Feedback%20on%20the%20r
> edesigned%20daily%20digest%20v4> >
>
> The Yahoo! Groups Product Blog
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> <http://www.ygroupsblog.com/blog/> Check it out!
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> <http://www.ygroupsblog.com/blog/> >
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> <http://groups.yahoo.com/;_ylc=X3oDMTJlODUxM2tmBF9TAzk3MzU5NzE1BGdycElkAzIzM
> zc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTM2MzY5MDg1N
> A--> Yahoo! Groups
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>
> <http://groups.yahoo.com/group/gmsk_dv_node/join;_ylc=X3oDMTJndGNhbHBpBF9TAz
> k3MzU5NzE1BGdycElkAzIzMzc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNzdG
> 5ncwRzdGltZQMxMzYzNjkwODU0> CHANGE SETTINGS
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> <http://groups.yahoo.com/group/gmsk_dv_node/join;_ylc=X3oDMTJndGNhbHBpBF9TAz
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> 5ncwRzdGltZQMxMzYzNjkwODU0> >
>
> <http://docs.yahoo.com/info/terms/> TERMS OF USE
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> <http://docs.yahoo.com/info/terms/> >
>
> <mailto:gmsk_dv_node-unsubscribe@yahoogroups.com?subject=Unsubscribe>
> UNSUBSCRIBE
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> <mailto:gmsk_dv_node-unsubscribe@yahoogroups.com?subject=Unsubscribe> >
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9928. Mastr II on D-Star

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-19 18:31:22 UTC
From: Doug Bade
Topic: 9921 Message: 9928

It does depend on the technology as an RP2C driving a gmsk modem board has no PTT delay capability. G4KLX systems can tweak launch of ptt and launch of data but even that was problematic on my Mastr III as it took a long time to settle in the 6k25 domain.. Maybe if GPS locked it would be faster. Locking the continuous running vco mode of the Mastr III exciter was a better plan.

--- In gmsk_dv_node@yahoogroups.com, Ron Wright <mccrpt@...> wrote:
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> D-STAR GMSK Simplex Nodes and
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> New Message
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> Digest #1287

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> until you get to February of 2011. Lots of good information about MII's MIIe's
> and MIII's. Doug is very familiar with those stations.
>
> Good
> luck,
>
> Chris
>
> --- In gmsk_dv_node@yahoogroups.com,
> "B" <k2ilh@> wrote:
> >
> > A
> technical question, please don't opinion-ate here on merit of this idea. I'd
> like to know about successful modifications.
> > I have a GE MASTR2
> operating on 2 Meters for many years. As with many FM repeaters it gets very
> little use. There are currently no DSTAR repeaters in this area although there
> are many DSTAR equipped hams.
> > I am aware that the MASTR2 modulation is
> not suitable for direct interface with Node controllers such as the MoenComm
> board. I have heard of MASTR2s being modified successfully to pass DSTAR signals
> (perhaps by modulating the TCXO)even to work both modes.

> > Can anyone
> supply info about such mods and details of them?
> >
>
>
> Reply to sender .
> Reply to group .
> Reply via Web Post .
> All Messages (4) .
> Top ^
>
>
>
>
>
> Visit Your Group
>
> >
>
>
>
> View All Topics
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>
> >
>
>
>
> Create New Topic
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>
> 12 New Members
>
> >
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>
> We are making changes based on your
> feedback, Thank you !
>
> Submit Feedback
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>
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> The Yahoo! Groups Product Blog
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> Check it out!
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> CHANGE SETTINGS
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> TERMS OF USE
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> UNSUBSCRIBE
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9929. Re: Rasberry PI with Moen Board Problem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-19 18:40:18 UTC
From: W8CTC
Topic: 9923 Message: 9929

Ok, I will try that.

Chris

--- In gmsk_dv_node@yahoogroups.com, Dennis Rogers <n5vrp.satx@...> wrote:
>
> Update your firmware on the Moen Board.
> Fix mine.
>
> On Tue, Mar 19, 2013 at 9:59 AM, W8CTC <chris_campton@...> wrote:
>
> > **
> >
> >
> > Hello,
> >
> > I am trying to use my Moen star board with my Rasberry PI running the
> > western Dstar software package GMSK+IRCDDB+VNC. The log on the GMSK NODE
> > shows that the firmware is not supported. I am also trying to run this in
> > duplex repeater mode. The radio will TX once with a RX from another radio
> > and then will not key up again.
> >
> > Chris
> > W8CTC
> >
> >
> >
>
>
>
> --
>
> Dennis, N5VRP
> n5vrp.satx@...
>

9930. Re: [gmsk_dv_node] Rasberry PI with Moen Board Problem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-19 21:47:43 UTC
From: Ken Boyle
Topic: 9923 Message: 9930

Contact Fred from dutch star and ask him for for the beta firmware for your board. That will solve your problem

73,
Ken
KC2IDB

W8CTC <chris_campton@yahoo.com> wrote:

>
>
>Hello,
>
>I am trying to use my Moen star board with my Rasberry PI running the western Dstar software package GMSK+IRCDDB+VNC. The log on the GMSK NODE shows that the firmware is not supported. I am also trying to run this in duplex repeater mode. The radio will TX once with a RX from another radio and then will not key up again.
>
>Chris
>W8CTC
>
>
>
><!-- #ygrp-mkp { border: 1px solid #d8d8d8; font-family: Arial; margin: 10px 0; padding: 0 10px; } #ygrp-mkp hr { border: 1px solid #d8d8d8; } #ygrp-mkp #hd { color: #628c2a; font-size: 85%; font-weight: 700; line-height: 122%; margin: 10px 0; } #ygrp-mkp #ads { margin-bottom: 10px; } #ygrp-mkp .ad { padding: 0 0; } #ygrp-mkp .ad p { margin: 0; } #ygrp-mkp .ad a { color: #0000ff; text-decoration: none; } #ygrp-sponsor #ygrp-lc { font-family: Arial; } #ygrp-sponsor #ygrp-lc #hd { margin: 10px 0px; font-weight: 700; font-size: 78%; line-height: 122%; } #ygrp-sponsor #ygrp-lc .ad { margin-bottom: 10px; padding: 0 0; } #actions { font-family: Verdana; font-size: 11px; padding: 10px 0; } #activity { background-color: #e0ecee; float: left; font-family: Verdana; font-size: 10px; padding: 10px; } #activity span { font-weight: 700; } #activity span:first-child { text-transform: uppercase; } #activity span a { color: #5085b6; text-decoration: none; } #activity span span { color: #ff7900; } #activity span .underline { text-decoration: underline; } .attach { clear: both; display: table; font-family: Arial; font-size: 12px; padding: 10px 0; width: 400px; } .attach div a { text-decoration: none; } .attach img { border: none; padding-right: 5px; } .attach label { display: block; margin-bottom: 5px; } .attach label a { text-decoration: none; } blockquote { margin: 0 0 0 4px; } .bold { font-family: Arial; font-size: 13px; font-weight: 700; } .bold a { text-decoration: none; } dd.last p a { font-family: Verdana; font-weight: 700; } dd.last p span { margin-right: 10px; font-family: Verdana; font-weight: 700; } dd.last p span.yshortcuts { margin-right: 0; } div.attach-table div div a { text-decoration: none; } div.attach-table { width: 400px; } div.file-title a, div.file-title a:active, div.file-title a:hover, div.file-title a:visited { text-decoration: none; } div.photo-title a, div.photo-title a:active, div.photo-title a:hover, div.photo-title a:visited { text-decoration: none; }

div#ygrp-mlmsg #ygrp-msg p a span.yshortcuts { font-family: Verdana; font-size: 10px; font-weight: normal; } .green { color: #628c2a; } .MsoNormal { margin: 0 0 0 0; } o { font-size: 0; } #photos div { float: left; width: 72px; } #photos div div { border: 1px solid #666666; height: 62px; overflow: hidden; width: 62px; } #photos div label { color: #666666; font-size: 10px; overflow: hidden; text-align: center; white-space: nowrap; width: 64px; } #reco-category { font-size: 77%; } #reco-desc { font-size: 77%; } .replbq { margin: 4px; } #ygrp-actbar div a:first-child { /* border-right: 0px solid #000;*/ margin-right: 2px; padding-right: 5px; } #ygrp-mlmsg { font-size: 13px; font-family: Arial, helvetica,clean, sans-serif; *font-size: small; *font: x-small; } #ygrp-mlmsg table { font-size: inherit; font: 100%; } #ygrp-mlmsg select, input, textarea { font: 99% Arial, Helvetica, clean, sans-serif; } #ygrp-mlmsg pre, code { font:115% monospace; *font-size:100%; } #ygrp-mlmsg * { line-height: 1.22em; } #ygrp-mlmsg #logo { padding-bottom: 10px; } #ygrp-msg p a { font-family: Verdana; } #ygrp-msg p#attach-count span { color: #1E66AE; font-weight: 700; } #ygrp-reco #reco-head { color: #ff7900; font-weight: 700; } #ygrp-reco { margin-bottom: 20px; padding: 0px; } #ygrp-sponsor #ov li a { font-size: 130%; text-decoration: none; } #ygrp-sponsor #ov li { font-size: 77%; list-style-type: square; padding: 6px 0; } #ygrp-sponsor #ov ul { margin: 0; padding: 0 0 0 8px; } #ygrp-text { font-family: Georgia; } #ygrp-text p { margin: 0 0 1em 0; } #ygrp-text tt { font-size: 120%; } #ygrp-vital ul li:last-child { border-right: none !important; } -->

9931. RE: [gmsk_dv_node] Rasberry PI with Moen Board Problem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-19 21:51:05 UTC
From: Fred PA4YBR
Topic: 9923 Message: 9931

All,

He should have it by now... I sent it to him when I read his posting here, but apparently he did not see it on that (yahoo.com) account yet...

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Ken Boyle
Sent: Tuesday, March 19, 2013 10:48 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Rasberry PI with Moen Board Problem

Contact Fred from dutch star and ask him for for the beta firmware for your board. That will solve your problem

73,
Ken
KC2IDB

W8CTC <chris_campton@...> wrote:

Hello,

I am trying to use my Moen star board with my Rasberry PI running the western Dstar software package GMSK+IRCDDB+VNC. The log on the GMSK NODE shows that the firmware is not supported. I am also trying to run this in duplex repeater mode. The radio will TX once with a RX from another radio and then will not key up again.

Chris
W8CTC

9932. Re: Rasberry PI with Moen Board Problem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-19 23:31:00 UTC
From: W8CTC
Topic: 9923 Message: 9932

Hello, All

I have it updated and working, thanks,

Chris

--- In gmsk_dv_node@yahoogroups.com, "W8CTC" <chris_campton@...> wrote:
>
> Hello,
>
> I am trying to use my Moen star board with my Rasberry PI running the western Dstar software package GMSK+IRCDDB+VNC. The log on the GMSK NODE shows that the firmware is not supported. I am also trying to run this in duplex repeater mode. The radio will TX once with a RX from another radio and then will not key up again.
>
> Chris
> W8CTC
>

9933. Re: Rasberry PI with Moen Board Problem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-20 05:31:09 UTC
From: k4slb
Topic: 9923 Message: 9933

Fred,
Might I get a copy of that firmware beta for my moen board?
Steve NO9S

--- In gmsk_dv_node@yahoogroups.com, "Fred PA4YBR" <fred@...> wrote:
>
> All,
>
> He should have it by now... I sent it to him when I read his posting
> here, but apparently he did not see it on that (yahoo.com) account
> yet...
>
> Fred
>
>
> _____
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of Ken Boyle
> Sent: Tuesday, March 19, 2013 10:48 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: Re: [gmsk_dv_node] Rasberry PI with Moen Board Problem
>
>
>
>
> Contact Fred from dutch star and ask him for for the beta firmware for your
> board. That will solve your problem
>
> 73,
> Ken
> KC2IDB
>
> W8CTC <chris_campton@...> wrote:
>
>
>
>
> Hello,
>
> I am trying to use my Moen star board with my Rasberry PI running the
> western Dstar software package GMSK+IRCDDB+VNC. The log on the GMSK NODE
> shows that the firmware is not supported. I am also trying to run this in
> duplex repeater mode. The radio will TX once with a RX from another radio
> and then will not key up again.

>
> Chris
> W8CTC
>

9934. Re: MASTR2 on DSTAR

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-20 16:30:57 UTC
From: B
Topic: 9917 Message: 9934

Thanks everyone. The response was heartwarming and the material is to the point. That's a lot to think about and it will take some time to digest. As was said, it may not be worth the effort. But it's good to know you're out there. Thanks again.
Bill (K2ILH)

--- In gmsk_dv_node@yahoogroups.com, "B" <k2ilh@...> wrote:
>
> A technical question, please don't opinion-ate here on merit of this idea. I'd like to know about successful modifications.
> I have a GE MASTR2 operating on 2 Meters for many years. As with many FM repeaters it gets very little use. There are currently no DSTAR repeaters in this area although there are many DSTAR equipped hams.
> I am aware that the MASTR2 modulation is not suitable for direct interface with Node controllers such as the MoenComm board. I have heard of MASTR2s being modified successfully to pass DSTAR signals (perhaps by modulating the TCXO)even to work both modes.
> Can anyone supply info about such mods and details of them?
>

9935. Re: Mastr II on D-Star

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-22 17:34:33 UTC
From: wd8ocs
Topic: 9921 Message: 9935

Doug - I think most of the Node Adapters have a setting in the firmware that allows you to set a PTT delay (although that is probably not the correct term). The delay time controls how long the Node Adapter waits after asserting PTT before sending the data stream. It allows you to tweak for transmitters that are a little slow to spin up.

On the MSF5000's (TX VCO always runs), a setting of 50 ms works fine. I am using a pair of GM300's on another box and on those, I think I have it set to 150 or 200 ms, since the GM300 TX is a little slow to spin up.

A higher setting like that may work for MII's, Micors and the like, especially if you are using the Icom controller, which has no delay adjustment.

Just a thought and something that might be worth looking in to...

--- In gmsk_dv_node@yahoogroups.com, "Doug Bade" <kd8b@...> wrote:
>
> It does depend on the technology as an RP2C driving a gmsk modem board has no PTT delay capability. G4KLX systems can tweak launch of ptt and launch of data but even that was problematic on my Mastr III as it took a long time to settle in the 6k25 domain.. Maybe if GPS locked it would be faster. Locking the continuous running vco mode of the Mastr III exciter was a better plan.
> > --- In gmsk_dv_node@yahoogroups.com, Ron Wright <mccrpt@> wrote:
> > >
> > >
> > > I use a controller that has about 250 ms delay just to let the tx come up and settle. I had hoped any control would have this feature. Not sure how ICOM handles this. A good delay module would be good to use. The Ham that developed the control I have also makes a delay line, but I have not tried it.
> > >
> > > I never like having a PA that is being driven even is no power and switching a PA that is drawing high current is usually not desired, but if it works for you then this is the main issue.
> > >
> > > 73, ron, n9ee/r
> > > Ron Wright, N9EE/RBSEEMicro Computer Concepts352-683-4476mccrpt@
> > >
> > > To: gmsk_dv_node@yahoogroups.com
> > > From: fred@
> > > Date: Tue, 19 Mar 2013 15:42:23 +0100
> > > Subject: RE: [gmsk_dv_node] Digest Number 1287
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> >
> > How about leaving the exciter on (and locked), and just key
> > the PA ?
> >
> > That is how we in Holland did it with the TXU1256 units... RX
> > and TX are both
> > on (and, thus, locked) all the time, and for TX, we just key
> > the PA module..
> >
> > --fred
> >
> >
> >
> >
> > From: gmsk_dv_node@yahoogroups.com
> > [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Doug
> > Bade
> > Sent: Tuesday, March 19, 2013 3:10 PM
> > To:
> > gmsk_dv_node@yahoogroups.com
> > Subject: RE: [gmsk_dv_node] Digest Number
> > 1287
> >
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> >

> > I had been
> > staying out of this one as the poster was asking for someone who had done it to
> > chime in and while had I researched a lot I had not actually tried D-Star on a
> > Mastr II station. I have a lot of experience with GMSK on Mastr II and Mastr III
> > and I DO have experience with Mastr III D-star and can extrapolate (and did)
> > regarding feasibility of D-Star on Mastr II.
> >
> > If the original
> > poster needs empirical data on D-Star on Mastr II to proceed, I would say he
> > needs to try it, as so far, I do not think anyone specially has published any
> > specific tests or results.
> > What I do have
> > a concern for on Mastr II is frequency stability as well as PLL lock time on the
> > PLL board (forget phase modulator) as the PLL board will need to be on all the
> > time. I know in Mastr III I had to lock the exciter on all the time as the
> > carrier swing on key-up , as small as it was, butchered header data on the
> > D-Star repeat.
> >
> > Mastr II Direct
> > FM and PLL exciters were used for EDACS and Voice Guard, both of which are wider
> > bandwidth GMSK than is D-Sta
> > r. Carrier swing of a couple hundred hz on
> > transients was not a big deal on a 12k5 or 25k0 modulation scheme but much more
> > an issue with 6k25.
> >
> > As Chris
> > mentioned we discussed a lot of this a way back. I have Mastr III stations which
> > were much more suited to stability etc to handle the task I walked away from
> > Mastr II as more effort than I chose to put in. That being said I DO think you
> > can make it work on Mastr II Direct FM or PLL versions of Exciters but
> > tinkering with PTT timing and data timing will be needed.
> > Discriminator
> > should easily feed GMSK out to rx side as it does in factory stations for
> > EDACS
> >
> > Doug
> > KD8B
> >
> >
> >
> >
> > From: gmsk_dv_node@yahoogroups.com
> > [mailto:gmsk_dv_node@yahoogroups.com]
> > Sent: Tuesday, March 19, 2013
> > 7:01 AM
> > To: gmsk_dv_node@yahoogroups.com
> > Subject:
> > [gmsk_dv_node] Digest Number 1287
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> > D-STAR GMSK Simplex Nodes and
> > Repeaters Group
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> > New Message
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> > Digest #1287
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> >
> > Re: MASTR2 on DSTAR
> > by
> > "wd8ocs" wd8ocs
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> > Message
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> > 1a
> > Re: MASTR2 on
> > DSTAR
> >
> > Mon
> > Mar 18, 2013 12:08 pm (PDT) . Posted by:
> > "wd8ocs" wd8ocs
> >
> >
> > There was a
> > detailed discussion about converting/modifying MII's a couple of years ago. Use
> > the Search box above to look for posts by KD8B, then scroll back through those
> > until you get to February of 2011. Lots of good information about MII's MIIe's
> > and MIII's. Doug is very familiar with those stations.
> >
> > Good
> > luck,
> >
> > Chris
> >

> > --- In gmsk_dv_node@yahoogroups.com,
> > "B" <k2ilh@> wrote:
> > >
> > > A
> > technical question, please don't opinion-ate here on merit of this idea. I'd
> > like to know about successful modifications.
> > > I have a GE MASTR2
> > operating on 2 Meters for many years. As with many FM repeaters it gets very
> > little use. There are currently no DSTAR repeaters in this area although there
> > are many DSTAR equipped hams.
> > > I am aware that the MASTR2 modulation is
> > not suitable for direct interface with Node controllers such as the MoenComm
> > board. I have heard of MASTR2s being modified successfully to pass DSTAR signals
> > (perhaps by modulating the TCXO)even to work both modes.
> > > Can anyone
> > supply info about such mods and details of them?
> > >
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> >
> > Reply to sender .
> > Reply to group .
> > Reply via Web Post .
> > All Messages (4) .
> > Top ^
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> > Visit Your Group
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> > View All Topics
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> > Create New Topic
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> > We are making changes based on your
> > feedback, Thank you !
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> > Submit Feedback
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> > The Yahoo! Groups Product Blog
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> > Check it out!
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> > CHANGE SETTINGS
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9936. WinDV w/UHF DVAP - does it work?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-22 17:40:12 UTC
From: wd8ocs
Topic: 9936 Message: 9936

I remember there were some compatibility issues with the newer UHF DVAP's and aftermarket software like WinDV. Have those issues been resolved?

I have a friend who is trying to decide between purchasing a 2m or UHF DVAP and the answer to that question will depend on the current status of the compatibility issue.

Unfortunately, I did not follow that issue as closely as I should have. Thanks in advance for any help.

Chris

9937. RE: [gmsk_dv_node] WinDV w/UHF DVAP - does it work?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-22 21:21:35 UTC
From: Fred PA4YBR
Topic: 9936 Message: 9937

WinDV is not exactly "aftermarket" software.

Anyway, yes, the current release (1.5.5) fully supports the UHF version of the DVAP.

Regards,

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of wd8ocs
Sent: Friday, March 22, 2013 6:40 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] WinDV w/UHF DVAP - does it work?

I remember there were some compatibility issues with the newer UHF DVAP's and aftermarket software like WinDV. Have those issues been resolved?

I have a friend who is trying to decide between purchasing a 2m or UHF DVAP and the answer to that question will depend on the current status of the compatibility issue.

Unfortunately, I did not follow that issue as closely as I should have. Thanks in advance for any help.

Chris

9938. Re: WinDV w/UHF DVAP - does it work?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-22 21:24:52 UTC
From: wd8ocs
Topic: 9936 Message: 9938

Yea, I knew that wasn't the best word choice when I typed it, but I was in a hurry Fred.
Thanks for the answer, though!

--- In gmsk_dv_node@yahoogroups.com, "Fred PA4YBR" <fred@...> wrote:
>
> WinDV is not exactly "aftermarket" software.
>
> Anyway, yes, the current release (1.5.5) fully supports the UHF version of
> the DVAP.
>
> Regards,
>
> Fred
>
> _____
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of wd8ocs
> Sent: Friday, March 22, 2013 6:40 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] WinDV w/UHF DVAP - does it work?
>
>
>
>
> I remember there were some compatibility issues with the newer UHF DVAP's
> and aftermarket software like WinDV. Have those issues been resolved?
>
> I have a friend who is trying to decide between purchasing a 2m or UHF DVAP
> and the answer to that question will depend on the current status of the
> compatibility issue.
>
> Unfortunately, I did not follow that issue as closely as I should have.
> Thanks in advance for any help.
>
> Chris
>

9939. Dutch*Star Board and Kenwood D700

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-24 03:31:17 UTC
From: Jeff Dale
Topic: 9939 Message: 9939

I am having a heck of a time getting the board to TX any audio or key up the rig at all.

I use the Echo Test and It decodes my signal. Shows everything nice on the screen my RPT1 RPT2 etc.

When I let go of the PTT the red PTT light comes on on the board but the radio doesn't key up.

If I short DSub 4-5 together the radio starts to TX but no audio.

So* *i decided to un-squelch my 91AD, and faintly in the background I can hear the digital noise. I have tried playing with the trim pots on the board and I can turn them in either direction till Christmas with no change on the TX audio.

Does anyone have any brilliant suggestions for me?

9940. Re: Dutch*Star Board and Kenwood D700

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-24 03:41:29 UTC
From: ve4gwb
Topic: 9939 Message: 9940

Have you tried the TX RX Invert in the NAWinCFG settings?

Garth.

--- In gmsk_dv_node@yahoogroups.com, Jeff Dale <jeff.dale@...> wrote:
>
> I am having a heck of a time getting the board to TX any audio or key up
> the rig at all.
>
> I use the Echo Test and It decodes my signal. Shows everything nice on the
> screen my RPT1 RPT2 etc.
>
> When I let go of the PTT the red PTT light comes on on the board but the
> radio doesn't key up.
>
> If I short DSub 4-5 together the radio starts to TX but no audio.
>
> So* *i decided to un-squelch my 91AD, and faintly in the background I can
> hear the digital noise. I have tried playing with the trim pots on the
> board and I can turn them in either direction till Christmas with no change
> on the TX audio.
>
> Does anyone have any brilliant suggestions for me?
>

9941. Re: [gmsk_dv_node] Re: Dutch*Star Board and Kenwood D700

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-24 03:48:54 UTC
From: Jeff Dale
Topic: 9939 Message: 9941

Yeah I tried to swap those as well with no difference on the TX. If I
invert it on the RX it doesn't receive at all so I know that at least for
RX it's set properly.

I've also played with the Auto Polarity.

On Sat, Mar 23, 2013 at 11:41 PM, ve4gwb <ve4gwb@...> wrote:

> **
>
>
> Have you tried the TX RX Invert in the NAWinCFG settings?
>
> Garth.
>
> --- In gmsk_dv_node@yahoogroups.com, Jeff Dale <jeff.dale@...> wrote:
> >
> > I am having a heck of a time getting the board to TX any audio or key up
> > the rig at all.
> >
> > I use the Echo Test and It decodes my signal. Shows everything nice on
> the
> > screen my RPT1 RPT2 etc.
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> > When I let go of the PTT the red PTT light comes on on the board but the
> > radio doesn't key up.
> >
> > If I short DSub 4-5 together the radio starts to TX but no audio.
> >
> > So* *i decided to un-squelch my 91AD, and faintly in the background I can
> > hear the digital noise. I have tried playing with the trim pots on the
> > board and I can turn them in either direction till Christmas with no
> change
> > on the TX audio.
> >
> > Does anyone have any brilliant suggestions for me?
> >
>
>
>

9942. Re: Dutch*Star Board and Kenwood D700

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-24 04:21:36 UTC
From: ve4gwb
Topic: 9939 Message: 9942

I would leave auto polarity off, and cos unchecked, just new to this myself and don't have the board with me. I will check back in later when i can play with it. But I remember mine was a bit of trial and error.

Good luck

--- In gmsk_dv_node@yahoogroups.com, Jeff Dale <jeff.dale@...> wrote:
>
> Yeah I tried to swap those as well with no difference on the TX. If I
> invert it on the RX it doesn't receive at all so I know that at least for
> RX it's set properly.
>
> I've also played with the Auto Polarity.
>
>
> On Sat, Mar 23, 2013 at 11:41 PM, ve4gwb <ve4gwb@...> wrote:
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> > **
> > >
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> > Garth.
> > >
> > --- In gmsk_dv_node@yahoogroups.com, Jeff Dale <jeff.dale@> wrote:
> > > >
> > > I am having a heck of a time getting the board to TX any audio or key up
> > > the rig at all.
> > > >
> > > I use the Echo Test and It decodes my signal. Shows everything nice on
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> > > screen my RPT1 RPT2 etc.
> > > >
> > > When I let go of the PTT the red PTT light comes on on the board but the
> > > radio doesn't key up.
> > > >
> > > If I short DSub 4-5 together the radio starts to TX but no audio.
> > > >
> > > So* *i decided to un-squelch my 91AD, and faintly in the background I can
> > > hear the digital noise. I have tried playing with the trim pots on the
> > > board and I can turn them in either direction till Christmas with no
> > change
> > > on the TX audio.
> > > >
> > > Does anyone have any brilliant suggestions for me?

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9943. Re: [gmsk_dv_node] Re: Dutch*Star Board and Kenwood D700

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-24 04:25:00 UTC
From: Jeff Dale
Topic: 9939 Message: 9943

Well I don't have any problems on RX. It's only the TX that's being a
PITA. The COS settings no matter what I set them to have no effect on the
TX Audio.

On Sun, Mar 24, 2013 at 12:21 AM, ve4gwb <ve4gwb@...> wrote:

> **
>
>
> I would leave auto polarity off, and cos unchecked, just new to this
> myself and don't have the board with me. I will check back in later when i
> can play with it. But I remember mine was a bit of trial and error.
>
> Good luck
>
> --- In gmsk_dv_node@yahoogroups.com, Jeff Dale <jeff.dale@...> wrote:
> >
> > Yeah I tried to swap those as well with no difference on the TX. If I
> > invert it on the RX it doesn't receive at all so I know that at least for
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> > I've also played with the Auto Polarity.
> >
> >
> > On Sat, Mar 23, 2013 at 11:41 PM, ve4gwb <ve4gwb@...> wrote:
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> > > **
> > >
> > >
> > > Have you tried the TX RX Invert in the NAWinCFG settings?
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> > > Garth.
> > >
> > > --- In gmsk_dv_node@yahoogroups.com, Jeff Dale <jeff.dale@> wrote:
> > > >
> > > > I am having a heck of a time getting the board to TX any audio or
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> > > > on the TX audio.
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> > > > Does anyone have any brilliant suggestions for me?
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9944. RE: [gmsk_dv_node] Re: Dutch*Star Board and Kenwood D700

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-24 06:53:26 UTC
From: J. M. Moen
Topic: 9939 Message: 9944

I assume you are sure the cable from the board to the radio is wired correctly. Clearly the ground and RX audio lines are right. If you built the cable yourself, you might use a VOM to check the PTT and TX audio lines. http://www.k6jm.com/hs-setupcbl.htm describes the pin to pin assignments.

While getting the less-likely things out of the way, you might double check that you've put the radio into 9600 baud packet. Usually that's just normal FM, or Narrow FM, with the packet data rate set to 9600. Some Yaesu radios (like the FT-817) have a PKT mode as opposed to FM for this purpose.

Next, I'd double-check that the jumpers on the board are compatible with the firmware settings. If I remember correctly, the latest DUTCH*Star board defaults to RSSI mode, meaning when you bring up NAWinCFG's Mode Settings window, you want RSSI Report checked.

I'm a big believer in what DUTCH*Star calls "Soft COS", so I would be sure the "COS Check" box is not checked in the Mode Settings window. You might compare your Mode Settings window with the screen shot at step 4.b.9 on web page http://www.k6jm.com/hs-setup.htm

As you make changes and re-test, you'll obviously want to try both with TX Invert enabled and not enabled with each change, until you find what works.

Finally, it's been my experience with Kenwood D700s (I have one) that they need quite a lot of TX audio drive. For that radio, I crank up the TX trim pot to maximum.

Good luck, and let us know how it goes.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeff Dale
Sent: Saturday, March 23, 2013 9:25 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Re: Dutch*Star Board and Kenwood D700

Well I don't have any problems on RX. It's only the TX that's being a PITA. The COS settings no matter what I set them to have no effect on the TX Audio.

On Sun, Mar 24, 2013 at 12:21 AM, ve4gwb <ve4gwb@...> wrote:
I would leave auto polarity off, and cos unchecked, just new to this myself and don't have the board with me. I will check back in later when i can play with it. But I remember mine was a bit of trial and error.

Good luck

--- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
, Jeff Dale <jeff.dale@...> wrote:
>
> Yeah I tried to swap those as well with no difference on the TX. If I
> invert it on the RX it doesn't receive at all so I know that at least for
> RX it's set properly.
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> I've also played with the Auto Polarity.
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> On Sat, Mar 23, 2013 at 11:41 PM, ve4gwb <ve4gwb@...> wrote:
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> > Have you tried the TX RX Invert in the NAWinCFG settings?
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> > Garth.
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> > --- In gmsk_dv_node@yahoogroups.com
<mailto:gmsk_dv_node%40yahoogroups.com> , Jeff Dale <jeff.dale@> wrote:
> > >
> > > I am having a heck of a time getting the board to TX any audio or key
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> > > the rig at all.
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> > > I use the Echo Test and It decodes my signal. Shows everything nice on
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> > > screen my RPT1 RPT2 etc.
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the
> > > radio doesn't key up.
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> > > If I short DSub 4-5 together the radio starts to TX but no audio.
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> > > hear the digital noise. I have tried playing with the trim pots on the
> > > board and I can turn them in either direction till Christmas with no
> > change
> > > on the TX audio.
> > >
> > > Does anyone have any brilliant suggestions for me?

9945. sound card .....

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-28 01:05:02 UTC
From: ct1hdc
Topic: 9945 Message: 9945

Hi Jonathan Naylor,you know say if the sound card repeater and ircddbgateway works with mini pc android 4.0 or 4.1?

Best regards
73
Paulo,ct1hdc

9946. RE: [gmsk_dv_node] sound card .....

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-28 09:04:47 UTC
From: J. M. Moen
Topic: 9945 Message: 9946

You might want to post this question on one of Jonathan's Yahoo Groups (pcrepeatercontroller or ircddbgateway).

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of ct1hdc
Sent: Wednesday, March 27, 2013 6:05 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] sound card .....
Hi Jonathan Naylor,you know say if the sound card repeater and ircddbgateway works with mini pc android 4.0 or 4.1?

Best regards
73
Paulo,ct1hdc

9947. Stand alone repeater controller with Star Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-31 02:45:46 UTC
From: w5pfr
Topic: 9947 Message: 9947

Has anyone been able to make the Star Board act as a stand alone repeater controller, meaning, No PC involved?? Just set it up one time, and the next time you power it up with a power source, It comes up and acts as a repeater controller??

9948. Re: [gmsk_dv_node] Stand alone repeater controller with Star Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-31 04:52:58 UTC
From: Will
Topic: 9947 Message: 9948

Johnny,

I installed the repeater software only on the Rasberry PI and used the dvrptr board for the repeater and it's up and running now.

Will / W4WWM

On 3/30/2013 9:45 PM, w5pfr wrote:
>
> Has anyone been able to make the Star Board act as a stand alone
> repeater controller, meaning, No PC involved?? Just set it up one
> time, and the next time you power it up with a power source, It comes
> up and acts as a repeater controller??
>
>

9949. RE: [gmsk_dv_node] Stand alone repeater controller with Star Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-31 10:32:03 UTC
From: Fred PA4YBR
Topic: 9947 Message: 9949

Yes, that is easy to do.

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of w5pfr
Sent: Sunday, March 31, 2013 4:46 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Stand alone repeater controller with Star Board

Has anyone been able to make the Star Board act as a stand alone repeater controller, meaning, No PC involved?? Just set it up one time, and the next time you power it up with a power source, It comes up and acts as a repeater controller??

9950. Re: Stand alone repeater controller with Star Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-31 10:37:13 UTC
From: repeater.group
Topic: 9947 Message: 9950

--- In gmsk_dv_node@yahoogroups.com, "w5pfr" <w5pfr@...> wrote:
>
> Has anyone been able to make the Star Board act as a stand alone repeater controller, meaning, No PC involved?? Just set it up one time, and the next time you power it up with a power source, It comes up and acts as a repeater controller??
>

I think im right in that the star board uses dutchstar firmware. If it does contact fred he has a standalone vers of the firmware that will do just as you want. I use it on one of my rptrs, it has a few quirks but it works ok.

A. DNS

9951. Re: [gmsk_dv_node] Stand alone repeater controller with Star Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-03-31 13:33:40 UTC
From: Bill
Topic: 9947 Message: 9951

The MoenComm board?

Regards,
K2ILH
(from my mobile device)

On Mar 31, 2013, at 6:32 AM, "Fred PA4YBR" <fred@...> wrote:

> Yes, that is easy to do.
>
> --fred
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of w5pfr
> Sent: Sunday, March 31, 2013 4:46 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Stand alone repeater controller with Star Board
>
>
> Has anyone been able to make the Star Board act as a stand alone repeater controller, meaning, No PC involved?? Just set it up one time, and the next time you power it up with a power source, It comes up and acts as a repeater controller??
>
>
>

9952. Moen board with yaesu ft8100.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-01 22:27:34 UTC
From: n1toq@...
Topic: 9952 Message: 9952

I was having a problem using the Moen board with the Motorola gm300 where after several hours, I would have a carrier with no audio. Shut it down and the following day it would be fine however it would repeat the problem later in the day. I maxed out the tx adjustment on the board but no luck. I made a cable for my Yaesu FT 8100 and its been running for 2 days without any problems. My icom 31 and 51 won't work with the board. Not sure why. Anyone know what I can do to resolve the problem with the Motorola? I verified that the jumper is correct. Thanks for your help. 73.

9953. Re: [gmsk_dv_node] Moen board with yaesu ft8100.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-01 23:29:01 UTC
From: W4AQR
Topic: 9952 Message: 9953

There are two main problems associated with using analog radios in hybrid repeaters or hot spots.

1. Deviation level and flat frequency response.
2. Long term frequency stability and narrow operation optimized for best SNR

Item #2 is especially important with the new ICOM radios.

George - W4AQR

From: <n1toq@...>
Sent: Monday, April 01, 2013 6:27 PM
To: <gmsk_dv_node@yahoogroups.com>
Subject: [gmsk_dv_node] Moen board with yaesu ft8100.

> I was having a problem using the Moen board with the Motorola gm300 where
> after several hours, I would have a carrier with no audio. Shut it down
> and the following day it would be fine however it would repeat the problem
> later in the day. I maxed out the tx adjustment on the board but no luck.
> I made a cable for my Yaesu FT 8100 and its been running for 2 days
> without any problems. My icom 31 and 51 won't work with the board. Not
> sure why. Anyone know what I can do to resolve the problem with the
> Motorola? I verified that the jumper is correct. Thanks for your help.
> 73.
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

9954. DV Node DEST reporting to ircddb live?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-03 06:40:40 UTC
From: tuckmeat
Topic: 9954 Message: 9954

Does WinDV / DV Node report the DEST reflector that a user is connected to in its ircddb stream? For example, If I connect my DV Node based repeater to a reflector, I see the user & repeater callsigns reported to ircddb live, but I don't see anything in the DEST field. I would expect to see the reflector that the user is using.

Does that question make any sense? :)

9955. DV Node repeater callsign got set to Read Only

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-03 07:14:46 UTC
From: tuckmeat
Topic: 9955 Message: 9955

I'm not sure what I did to cause this, but all of the sudden the repeater callsign I've had registered for some time has gotten set to Read Only so it can't be heard on DPlus Reflectors. I just checked the registration and everything seems OK?

Any help is appreciated - repeater callsign is W9WDX B

Thx!

9956. RE: [gmsk_dv_node] DV Node repeater callsign got set to Read Only

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-03 07:58:52 UTC
From: J. M. Moen
Topic: 9955 Message: 9956

As you know, it's difficult to find published rules about how DPlus works. Many of us have simply tried things until they worked, then stored away a mental of idea of a possible DPlus rule.

That process has led me to try to register terminals at a G2 repeater/gateway for:
* My D-Star radio's MYCall (obviously)
* The DPlus AuthCallsign (because we know if it isn't in the G2 database, DPlus will set us to read only)
* The node's full Callsign + Band Module*

* I do know "know" for sure you need your hotspot's callsign plus band letter to be registered at a G2 Gateway, but I just always do it and have not had problems.

In your case, I checked at http://query.ki4swy.org/index.php and see that there is only one terminal for W9WDX - it's that callsign with a blank initial. W9WDX with initial B is not registered.

In WinDV's settings, if your AuthCall is not a registered terminal, that would account for you being set to read only. You want AuthCall to be "W9WDX" with no band module or initial.

If that's ok, you just might try to register a terminal at a G2 Gateway for your node callsign plux band module, "W9WDX B". That might not be causing the problem, but this won't hurt either.

Jim - K6JM

PS Timing is everything. Your previous note mentioned you have filled out WinDV's ircDDB tab, so I assume you've done an ircDDB registration of W9WDX with them. As you know, while waiting for them to register you with ircDDB, you absolutely don't want a terminal set up for that callsign + band module in the G2 database.

But once they've registered you and sent you your ircDDB password, you can (if you want) register a terminal for that callsign + band module at a G2 Gateway.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of tuckmeat
Sent: Wednesday, April 03, 2013 12:15 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] DV Node repeater callsign got set to Read Only

I'm not sure what I did to cause this, but all of the sudden the repeater callsign I've had registered for some time has gotten set to Read Only so it

can't be heard on DPlus Reflectors. I just checked the registration and everything seems OK?

Any help is appreciated - repeater callsign is W9WDX B

Thx!

9957. RE: [gmsk_dv_node] DV Node repeater callsign got set to Read Only

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-03 19:16:17 UTC
From: Tim Tucker
Topic: 9955 Message: 9957

I had the repeater working on both with both the DPlus and DExtra reflectors working for months. All of the sudden, the DPlus side went to "read only" and I didn't change anything. After I sent the question last night, I logged into the G2 gateway where I registered and saw that the B terminal I had set up was now gone: why? I don't know. I went to another web based D-STAR call-sign query tool, punched in the repeater call and sure enough, only the main AUTH call was there. So, I added back the repeater node as a terminal on the G2 Gateway. Overnight, the G2 stuff did it's sync thing throughout the network and the terminal now shows up again. And, now when the repeater connects to a DPLUS reflector, it's not read-only anymore.

I guess that solves the mystery on what DPLUS expects.

Thx,
Tim

9958. RE: [gmsk_dv_node] DV Node repeater callsign got set to Read Only

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-03 19:22:49 UTC
From: Fred PA4YBR
Topic: 9955 Message: 9958

This is not a mystery.

D-Plus requires ALL callsigns used to be registered in G2.

This includes:

MYCALL - the callsign you use in your D-STAR radio
STATION - the callsign for the DV node itself, **including** its band
module
AUTH - if provided, has to be valid like STATION. If not present,
STATION
value is used (and checked) instead.

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of Tim Tucker
Sent: Wednesday, April 03, 2013 9:16 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] DV Node repeater callsign got set to Read Only

I had the repeater working on both with both the DPlus and DExtra reflectors
working for months. All of the sudden, the DPlus side went to "read only"
and I didn't change anything. After I sent the question last night, I
logged into the G2 gateway where I registered and saw that the B terminal I
had set up was now gone: why? I don't know. I went to another web based
D-STAR call-sign query tool, punched in the repeater call and sure enough,
only the main AUTH call was there. So, I added back the repeater node as a
terminal on the G2 Gateway. Overnight, the G2 stuff did it's sync thing
throughout the network and the terminal now shows up again. And, now when
the repeater connects to a DPLUS reflector, it's not read-only anymore.

I guess that solves the mystery on what DPLUS expects.

Thx,
Tim

9959. Re: [gmsk_dv_node] DV Node repeater callsign got set to Read Only

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-03 19:37:13 UTC
From: Tim Tucker
Topic: 9955 Message: 9959

Well, the mystery to me is why the B terminal was deleted? I'm wondering
if the gateway administrator saw that B terminal and didn't like it.

Are there alternative gateways that people are using to manage callsigns &
terminals that are friendly to the homebrew, non-icom crowd?

On Wed, Apr 3, 2013 at 12:22 PM, Fred PA4YBR <fred@...> wrote:

> **
>
>
> **
> This is not a mystery.
>
> D-Plus requires ALL callsigns used to be registered in G2.
>
> This includes:
>
> MYCALL - the callsign you use in your D-STAR radio
> STATION - the callsign for the DV node itself, **including** its band
> module
> AUTH - if provided, has to be valid like STATION. If not present,
> STATION
> value is used (and checked) instead.
>
> Fred
>
> ------------------------------
> *From:* gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
> *On Behalf Of *Tim Tucker
> *Sent:* Wednesday, April 03, 2013 9:16 PM
> *To:* gmsk_dv_node@yahoogroups.com
> *Subject:* RE: [gmsk_dv_node] DV Node repeater callsign got set to Read
> Only
>
>
>
> I had the repeater working on both with both the DPlus and DExtra
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> night, I logged into the G2 gateway where I registered and saw that the B
> terminal I had set up was now gone: why? I don't know. I went to another
> web based D-STAR call-sign query tool, punched in the repeater call and
> sure enough, only the main AUTH call was there. So, I added back the
> repeater node as a terminal on the G2 Gateway. Overnight, the G2 stuff did
> it's sync thing throughout the network and the terminal now shows up

> again. And, now when the repeater connects to a DPLUS reflector, it's not
> read-only anymore.
>
> I guess that solves the mystery on what DPLUS expects.
>
> Thx,
> Tim
>
>
>

9960. RE: [gmsk_dv_node] DV Node repeater callsign got set to Read Only

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-03 19:43:30 UTC
From: Fred PA4YBR
Topic: 9955 Message: 9960

Yeah, that IS weird. Gateway admins should not touch such stuff at
all, so why this happened is beyond me...

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of Tim Tucker
Sent: Wednesday, April 03, 2013 9:37 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] DV Node repeater callsign got set to Read Only

Well, the mystery to me is why the B terminal was deleted? I'm wondering if
the gateway administrator saw that B terminal and didn't like it.

Are there alternative gateways that people are using to manage callsigns &
terminals that are friendly to the homebrew, non-icom crowd?

On Wed, Apr 3, 2013 at 12:22 PM, Fred PA4YBR <fred@...> wrote:

This is not a mystery.

D-Plus requires ALL callsigns used to be registered in G2.

This includes:

MYCALL - the callsign you use in your D-STAR radio
STATION - the callsign for the DV node itself, **including** its band
module
AUTH - if provided, has to be valid like STATION. If not present,
STATION
value is used (and checked) instead.

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of Tim Tucker
Sent: Wednesday, April 03, 2013 9:16 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] DV Node repeater callsign got set to Read Only

I had the repeater working on both with both the DPlus and DExtra reflectors
working for months. All of the sudden, the DPlus side went to "read only"
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logged into the G2 gateway where I registered and saw that the B terminal I

had set up was now gone: why? I don't know. I went to another web based D-STAR call-sign query tool, punched in the repeater call and sure enough, only the main AUTH call was there. So, I added back the repeater node as a terminal on the G2 Gateway. Overnight, the G2 stuff did it's sync thing throughout the network and the terminal now shows up again. And, now when the repeater connects to a DPLUS reflector, it's not read-only anymore.

I guess that solves the mystery on what DPLUS expects.

Thx,
Tim

9961. Re: [gmsk_dv_node] DV Node repeater callsign got set to Read Only

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-03 22:44:10 UTC
From: Matthew Pitts
Topic: 9955 Message: 9961

It's simple, actually; Official Icom repeaters have A-D registered as their terminals if they have all four repeater modules in the stack. I suspect that the person that deleted your -B terminal feels that those four letters should be reserved for "real" D-Star Repeaters and not used by user callsigns.

Matthew Pitts
N8OHU

>_____
> From: Tim Tucker <tuckert@...>
>To: "gmsk_dv_node@yahoogroups.com" <gmsk_dv_node@yahoogroups.com>
>Sent: Wednesday, April 3, 2013 3:37 PM
>Subject: Re: [gmsk_dv_node] DV Node repeater callsign got set to Read Only
>
>
>
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instead.

>>
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>>
>>
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Tucker
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>>To: gmsk_dv_node@yahoogroups.com
>>Subject: RE: [gmsk_dv_node] DV Node
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expects.
>>
>>Thx,
>>Tim
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>
>
>
>

9962. Re: [gmsk_dv_node] DV Node repeater callsign got set to Read Only

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-03 23:02:30 UTC
From: Tim Tucker
Topic: 9955 Message: 9962

Right, which begs the second question as to whether or not there are some "homebrew friendly" G2 gateways that we should use...

On Wed, Apr 3, 2013 at 3:44 PM, Matthew Pitts <
daywalker_blade_2004@...> wrote:

> **
>
>
> It's simple, actually; Official Icom repeaters have A-D registered as
> their terminals if they have all four repeater modules in the stack. I
> suspect that the person that deleted your -B terminal feels that those four
> letters should be reserved for "real" D-Star Repeaters and not used by user
> callsigns.
>
> Matthew Pitts
> N8OHU
>
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> *To:* "gmsk_dv_node@yahoogroups.com" <gmsk_dv_node@yahoogroups.com>
> *Sent:* Wednesday, April 3, 2013 3:37 PM
> *Subject:* Re: [gmsk_dv_node] DV Node repeater callsign got set to Read
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>
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> Well, the mystery to me is why the B terminal was deleted? I'm wondering
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> terminals that are friendly to the homebrew, non-icom crowd?
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> repeater node as a terminal on the G2 Gateway. Overnight, the G2 stuff did
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> again. And, now when the repeater connects to a DPLUS reflector, it's not
> read-only anymore.
>
> I guess that solves the mystery on what DPLUS expects.
>
> Thx,
> Tim
>
>
>
>
>
>

9963. gm300

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-04 12:48:17 UTC
From: steve
Topic: 9963 Message: 9963

hiya

anyone got any ideas how to program the gm300 motorola in windows 8

and also anyone know where i can get the plug for the data lead to hook it upto gmsk board ive got the cables and ive got plugs but im just wondering if anyone knows

steve

9964. Hot Spot With FT8800 - Need Help.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-04 15:41:45 UTC
From: n2ki.ham73
Topic: 9964 Message: 9964

I just set up a hot spot using a MoenComm Star board and an FT8800 in narrow band mode. The hot spot works except the ID51 can not copy any data. It is a full scale signal but the DV and FM icons also flash alternately. The 880 hears it fine without issue. This is the second node in the area that we are testing with the same results using an FT8800 in narrow band. I suspect I may need to make adjustments to the Star Board?

Thanks for your help.

Tony N2KI

9965. Re: [gmsk_dv_node] gm300

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-04 16:28:51 UTC
From: Paul Young G0HWC
Topic: 9963 Message: 9965

Hi Steve,

The proper Motorola software is dos only but here is info
for a Motorola program that works well under XP
http://www.g0hwc.com/motorola_gm300_gp300.html

Paul G0HWC

From: steve
Sent: Thursday, April 04, 2013 1:48 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] gm300

hiya

anyone got any ideas how to program the gm300 motorola in windows 8

and also anyone know where i can get the plug for the data lead to hook it upto gmsk board
ive got the cables and ive got plugs but im just wondering if anyone knows

steve

9966. RE: [gmsk_dv_node] gm300

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-04 16:39:41 UTC
From: J. M. Moen
Topic: 9963 Message: 9966

Hopefully you have found info at
http://www.repeater-builder.com/motorola/maxtrac/maxtrac-index.html

You need the Motorola RSS software for the GM300. If you can't find it, the best thing would be if you know any repeater owners who have experience with these radios and already have the software. Otherwise, try a "two way mobile radio" shop, who will have it.

If you do have the software, most likely it's the kind that needs to run on older computers, for example, the old 386 or 486 CPUs. Most people run on DOS, though the DOS box of Win 95/98 will generally work. The issue is that most of that software is timing dependent, and faster machines simply run too fast. Also, I've read that the serial hardware in some machines is not compatible with the RSS software.

You will also need a special cable connecting the PC's serial port to the mike connector on the radio.

I use an old Gateway 2000 486 running Win 98 and it's DOS or command window works for this purpose.

Regarding building cables, I recommend buying connectors with pigtail wires already soldered on. I describe the pin assignments at http://www.k6jm.com/hs-setupcbl.htm (scroll down to the "Radio end of cable for MaxTrac Radios").

Jim - K6JM

PS Many of these older radios work without much effort. Others may be slightly off frequency, or are slow to "spin up" to the target frequency. The latter can sometimes be solved by a GMSK Modem firmware setting called "Delay" - increase that and the board won't start sending the data stream until after the delay time has been reached. There are recommendations on ways to get the transmitter more on frequency, but there's no point going into that now if your radio works right off.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of steve
Sent: Thursday, April 04, 2013 5:48 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] gm300
hiya

anyone got any ideas how to program the gm300 motorola in windows 8

and also anyone know where i can get the plug for the data lead to hook it upto gmsk board ive got the cables and ive got plugs but im just wondering if anyone knows

steve

--

9967. Re: gm300

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-04 22:15:37 UTC
From: steve
Topic: 9963 Message: 9967

hiya

right ive got radio doctor installed but ive tried on both windows 8 7 and this one which is xp and i keep getting this poxy error message
i have downloaded it put in the windows system folder and rebooted it
still comes up with the same thing , im goin to upload the screenshot
of what i keep getting and its annoying me... anyone help me cos
all i wanna do is program one freq in for the d-star node grrrr lol

steve
--- In gmsk_dv_node@yahoogroups.com, "J. M. Moen" <jim@...> wrote:
>
> Hopefully you have found info at
> http://www.repeater-builder.com/motorola/maxtrac/maxtrac-index.html
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> and also anyone know where i can get the plug for the data lead to hook it
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> steve
> --
>

9968. Re: [gmsk_dv_node] DV Node repeater callsign got set to Read Only

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-05 00:32:20 UTC
From: Storer, Darren
Topic: 9955 Message: 9968

Hi Tim,

when you looked up the callsign with the B suffix, did you see it displayed with "True" against the del_flag? If "someone" had deleted the B suffix entry, it would still show up but it would be marked as True for the delete status.

The only direct query facility into the Trust Server can be found using the link below:

http://dstar.info/query.html

This page will show you the delete status for a callsign. "False" means that the callsign is good to go and hasn't been deleted...

HTH

Vy 73 de Darren
G7LWT / AK4DB

On 4 April 2013 00:02, Tim Tucker <tuckert@...> wrote:

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>
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> Right, which begs the second question as to whether or not there are some
> "homebrew friendly" G2 gateways that we should use...
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>
> On Wed, Apr 3, 2013 at 3:44 PM, Matthew Pitts <
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>> letters should be reserved for "real" D-Star Repeaters and not used by user
>> callsigns.
>>
>> Matthew Pitts
>> N8OHU
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>> ------------------------------
>> *From:* Tim Tucker <tuckert@...>

>> *To:* "gmsk_dv_node@yahoogroups.com" <gmsk_dv_node@yahoogroups.com>
>> *Sent:* Wednesday, April 3, 2013 3:37 PM
>> *Subject:* Re: [gmsk_dv_node] DV Node repeater callsign got set to Read
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>> *On Behalf Of *Tim Tucker
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>> sure enough, only the main AUTH call was there. So, I added back the
>> repeater node as a terminal on the G2 Gateway. Overnight, the G2 stuff did

>> it's sync thing throughout the network and the terminal now shows up
>> again. And, now when the repeater connects to a DPLUS reflector, it's not
>> read-only anymore.
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>> I guess that solves the mystery on what DPLUS expects.
>>
>> Thx,
>> Tim
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9969. RE: [gmsk_dv_node] DV Node repeater callsign got set to Read Only

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-05 09:48:57 UTC
From: J. M. Moen
Topic: 9955 Message: 9969

The NJ6N & G7LWT page shows W9WDX is currently ok, delete flag is False for both terminals. But as I recall, Tim said all was ok, then linking was being set to read-only because the W9WDX B terminal had been deleted, and he didn’t initiate the delete.

I suppose it could have just been a clerical error, where an Admin was trying to manually delete another terminal, and got Tim’s instead.

If you go to http://www.dutch-star.eu/index.aspx and log on, then go to Network, then G2 Check, you’ll see the delete flag for the W9WDX B terminal is Y – I suspect the restored terminal update has not made it to that database yet. But you can see it had been flagged for deletion, however that happened.

The real reason will probably remain a mystery….

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Storer, Darren
Sent: Thursday, April 04, 2013 5:32 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] DV Node repeater callsign got set to Read Only
Hi Tim,
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This page will show you the delete status for a callsign. "False" means that the callsign is good to go and hasn't been deleted...

HTH

Vy 73 de Darren
G7LWT / AK4DB

9970. RE: [gmsk_dv_node] DV Node repeater callsign got set to Read Only

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-05 10:08:09 UTC
From: Fred PA4YBR
Topic: 9955 Message: 9970

That flag doesnt stay forever, after a grace period (which depends on the gateway
configuration) such records are, indeed, deleted... "delete from table where deleteflag=true"
and such fun. Some gateways don't do this (mine doesn't) but by default, such records
will be deleted after (I think) 24 or 48 hours or so.

Still... it should not have been deleted.... just re-register it.

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of J. M. Moen
Sent: Friday, April 05, 2013 11:49 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] DV Node repeater callsign got set to Read Only

The NJ6N & G7LWT page shows W9WDX is currently ok, delete flag is False for both terminals. But as I recall, Tim said all was ok, then linking was being set to read-only because the W9WDX B terminal had been deleted, and he didn't initiate the delete.

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The real reason will probably remain a mystery..

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HTH

Vy 73 de Darren

G7LWT / AK4DB

9971. APRS Server Address

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-05 12:10:20 UTC
From: n2ki.ham73
Topic: 9971 Message: 9971

I dont think my DPRS Interface is working correctly as it is not passing GPS data to APRS. What is the server that I should be sending data to? I think maybe that I have it wrong.

Thanks

Anthony N2KI

9972. Re: [gmsk_dv_node] gm300

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-05 12:16:14 UTC
From: Pierre Martel
Topic: 9963 Message: 9972

What radio exactly you want to program?
Do you use a real serial connector or usb adaptor?

Le jeudi 4 avril 2013, steve a écrit :

> **
>
>
>
> hiya
>
> right ive got radio doctor installed but ive tried on both windows 8 7 and
> this one which is xp and i keep getting this poxy error message
> i have downloaded it put in the windows system folder and rebooted it
> still comes up with the same thing , im goin to upload the screenshot
> of what i keep getting and its annoying me... anyone help me cos
> all i wanna do is program one freq in for the d-star node grrrr lol
>
> steve
> --- In gmsk_dv_node@yahoogroups.com <javascript:_e({}, 'cvml',
> 'gmsk_dv_node%40yahoogroups.com');>, "J. M. Moen" <jim@...> wrote:
> >
> > Hopefully you have found info at
> > http://www.repeater-builder.com/motorola/maxtrac/maxtrac-index.html
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> > You need the Motorola RSS software for the GM300. If you can't find it,
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> > for MaxTrac Radios").
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> >
> >
> > From: gmsk_dv_node@yahoogroups.com <javascript:_e({}, 'cvml',
> 'gmsk_dv_node%40yahoogroups.com');>
[mailto:gmsk_dv_node@yahoogroups.com<javascript:_e({}, 'cvml',
'gmsk_dv_node%40yahoogroups.com');>]
> On
> > Behalf Of steve
> > Sent: Thursday, April 04, 2013 5:48 AM
> > To: gmsk_dv_node@yahoogroups.com <javascript:_e({}, 'cvml',
> 'gmsk_dv_node%40yahoogroups.com');>
> > Subject: [gmsk_dv_node] gm300
> > hiya
> >
> > anyone got any ideas how to program the gm300 motorola in windows 8
> >
> > and also anyone know where i can get the plug for the data lead to hook
> it
> > upto gmsk board ive got the cables and ive got plugs but im just
> wondering
> > if anyone knows
> >
> > steve
> > __
> >
>

>
>

9973. Re: [gmsk_dv_node] APRS Server Address

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-05 13:27:34 UTC
From: Fran Miele
Topic: 9971 Message: 9973
Attachments: 2 described; binary payloads are missing from this source WARC

use rotate.aprs2.net:14580.

--Fran, W1FJM

<http://www.ccdl.us/>

<http://www.miele-family.com/weather>

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have received this email by mistake, please notify the sender
immediately and do not disclose the contents to anyone or make copies
thereof.

On 4/5/2013 8:10 AM, n2ki.ham73 wrote:
>
> I dont think my DPRS Interface is working correctly as it is not
> passing GPS data to APRS. What is the server that I should be sending
> data to? I think maybe that I have it wrong.
>
> Thanks
>
> Anthony N2KI
>
>

9974. RE: [gmsk_dv_node] gm300

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-05 13:28:23 UTC
From: steve gibbs
Topic: 9963 Message: 9974

its a gm300 and ive got a rj45 plug to usb
and another rj45 to serial port and i got a converter seriel to usb...

steve

To: gmsk_dv_node@yahoogroups.com
From: petem001@...
Date: Fri, 5 Apr 2013 08:16:14 -0400
Subject: Re: [gmsk_dv_node] gm300

What radio exactly you want to program?Do you use a real serial connector or usb adaptor?

Le jeudi 4 avril 2013, steve a écrit :

hiya

right ive got radio doctor installed but ive tried on both windows 8 7 and this one which is xp and i keep getting this poxy error message

i have downloaded it put in the windows system folder and rebooted it

still comes up with the same thing , im goin to upload the screenshot

of what i keep getting and its annoying me... anyone help me cos

all i wanna do is program one freq in for the d-star node grrrr lol

steve

--- In gmsk_dv_node@yahoogroups.com, "J. M. Moen" <jim@...> wrote:

>

> Hopefully you have found info at

> http://www.repeater-builder.com/motorola/maxtrac/maxtrac-index.html

>

> You need the Motorola RSS software for the GM300. If you can't find it, the

> best thing would be if you know any repeater owners who have experience with

> these radios and already have the software. Otherwise, try a "two way

> mobile radio" shop, who will have it.

>

> If you do have the software, most likely it's the kind that needs to run on

> older computers, for example, the old 386 or 486 CPUs. Most people run on
> DOS, though the DOS box of Win 95/98 will generally work. The issue is that
> most of that software is timing dependent, and faster machines simply run
> too fast. Also, I've read that the serial hardware in some machines is not
> compatible with the RSS software.
>
> You will also need a special cable connecting the PC's serial port to the
> mike connector on the radio.
>
> I use an old Gateway 2000 486 running Win 98 and it's DOS or command window
> works for this purpose.
>
> Regarding building cables, I recommend buying connectors with pigtail wires
> already soldered on. I describe the pin assignments at
> http://www.k6jm.com/hs-setupcbl.htm (scroll down to the "Radio end of cable
> for MaxTrac Radios").
>
> Jim - K6JM
>
> PS Many of these older radios work without much effort. Others may be
> slightly off frequency, or are slow to "spin up" to the target frequency.
> The latter can sometimes be solved by a GMSK Modem firmware setting called
> "Delay" - increase that and the board won't start sending the data stream
> until after the delay time has been reached. There are recommendations on
> ways to get the transmitter more on frequency, but there's no point going
> into that now if your radio works right off.
>
> Jim - K6JM
>

>

>

> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On

> Behalf Of steve

> Sent: Thursday, April 04, 2013 5:48 AM

> To: gmsk_dv_node@yahoogroups.com

> Subject: [gmsk_dv_node] gm300

> hiya

>

> anyone got any ideas how to program the gm300 motorola in windows 8

>

> and also anyone know where i can get the plug for the data lead to hook it

> upto gmsk board ive got the cables and ive got plugs but im just wondering

> if anyone knows

>

> steve

> __

>

9975. Moen Board available

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-05 16:11:12 UTC
From: garybdawg
Topic: 9975 Message: 9975

I have a Moen GMSK Node Adapter with cable for sale. Make a reasonable offer and it is yours. This board was used half of a once (setup never completed).

W9GLB

9976. dstarusers.org list server not working

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-05 16:47:14 UTC
From: pe5yes
Topic: 9976 Message: 9976

Hello,

My Satoshi SAAP is holding when it connect to dstarusers.org
to download the gateway-list
a ping from my ip nr to dstarusers.org is not working
it seems that my ipnr is blocked

who can unblock my ipnr 88.159.83.58

73 Christ pe5yes

9977. RE: [gmsk_dv_node] dstarusers.org list server not working

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-05 16:56:19 UTC
From: Fred PA4YBR
Topic: 9976 Message: 9977

That is run (and handled by) Robin.

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of pe5yes
Sent: Friday, April 05, 2013 6:47 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] dstarusers.org list server not working

Hello,

My Satoshi SAAP is holding when it connect to dstarusers.org
to download the gateway-list
a ping from my ip nr to dstarusers.org is not working
it seems that my ipnr is blocked

who can unblock my ipnr 88.159.83.58

73 Christ pe5yes

9978. Re: gm300

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-05 19:56:48 UTC
From: cq_de_dave
Topic: 9963 Message: 9978

Huh, thanks for the heads up on this software. I was going to try to get my GM300 up this weekend, and more tools may make the difference.
Dave

--- In gmsk_dv_node@yahoogroups.com, "Paul Young G0HWC" <paul@...> wrote:
>
> Hi Steve,
>
> The proper Motorola software is dos only but here is info
> for a Motorola program that works well under XP
> http://www.g0hwc.com/motorola_gm300_gp300.html
>
> Paul G0HWC
>
>
> From: steve
> Sent: Thursday, April 04, 2013 1:48 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] gm300
>
>
> hiya
>
> anyone got any ideas how to program the gm300 motorola in windows 8
>
> and also anyone know where i can get the plug for the data lead to hook it upto gmsk board ive got the cables and ive got plugs but im just wondering if anyone knows
>
> steve
>

9979. Re: dstarusers.org list server not working

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-06 10:10:04 UTC
From: pe5yes
Topic: 9976 Message: 9979

Hi,

grr...its opendstar.org

If Robin from dplus is reading unblock my ip 88.159.83.58
so I can use the SAAP from Satoshi

73 Christ pe5yes

on my qth SAAP holding by connect to opendstar.org

----------------log SAAP-------

2012/01/01 00:00:00 Start Version : V00.40R
2012/01/01 00:00:00 Wire mode start
2012/01/01 00:00:05 Node Adapter Detached.
2012/01/01 00:00:07 DHCP Information
IPaddress : 192.168.001.109
NetMask : 255.255.255.000
Gateway : 192.168.001.001
PrimaryDNS : 088.159.001.200
SecondaryDNS: 008.008.008.008
2013/04/05 16:27:44 Time Sync.
2013/04/05 16:27:45 Connect to opendstar.org (gateway/reflector list server).
from here saap is holding

--- In gmsk_dv_node@yahoogroups.com, "Fred PA4YBR" <fred@...> wrote:
>
> That is run (and handled by) Robin.
>
> --fred
>
> _____
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of pe5yes
> Sent: Friday, April 05, 2013 6:47 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] dstarusers.org list server not working
>
>
>
>
>
> Hello,
>
> My Satoshi SAAP is holding when it connect to dstarusers.org
> to download the gateway-list

> a ping from my ip nr to dstarusers.org is not working
> it seems that my ipnr is blocked
>
> who can unblock my ipnr my qth SAAP holding by connect to opendstar.org

2012/01/01 00:00:00 Start Version : V00.40R
2012/01/01 00:00:00 Wire mode start
2012/01/01 00:00:05 Node Adapter Detached.
2012/01/01 00:00:07 DHCP Information
IPaddress : 192.168.001.109
NetMask : 255.255.255.000
Gateway : 192.168.001.001
PrimaryDNS : 088.159.001.200
SecondaryDNS: 008.008.008.008
2013/04/05 16:27:44 Time Sync.
2013/04/05 16:27:45 Connect to opendstar.org (gateway/reflector list server).
from here saap is holding

>
> 73 Christ pe5yes
>

9980. Re: APRS Server Address

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-06 11:34:57 UTC
From: n2ki.ham73
Topic: 9971 Message: 9980

Fran,

Thanks. I will give your suggestion a try. However, I think the GMSK board I am using does not pass data to APRS.fi. When I transmit direct to a repeater I show up almost instantly on aprs.fi. When I transmit to my hot spot, I never show up on aprs.fi. However, via the hotspot, the GPS data does get passed to REF20A and subsequently the data shows up on other stations radios. Any suggestions?

--- In gmsk_dv_node@yahoogroups.com, Fran Miele <fran@...> wrote:
>
> use rotate.aprs2.net:14580.
>
> --Fran, W1FJM
>
> <http://www.ccdl.us/>
>
> <http://www.miele-family.com/weather>
>
>
> ____
____
>
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> confidential. They are intended for the named recipient(s) only. If you
> have received this email by mistake, please notify the sender
> immediately and do not disclose the contents to anyone or make copies
> thereof.
>
> On 4/5/2013 8:10 AM, n2ki.ham73 wrote:
> >
> > I dont think my DPRS Interface is working correctly as it is not
> > passing GPS data to APRS. What is the server that I should be sending
> > data to? I think maybe that I have it wrong.
> >
> > Thanks
> >
> > Anthony N2KI
> >
> >
>

9981. Re: APRS Server Address

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-06 12:22:17 UTC
From: n2ki.ham73
Topic: 9971 Message: 9981

Fran,

I changes the server address but it is still not reporting to aprs.fi. I am using DPRS Interface. Maybe a setup issue? I have the proper UIView auth code.

--- In gmsk_dv_node@yahoogroups.com, "n2ki.ham73" <n2ki.ham73@...> wrote:
>
> Fran,
>
> Thanks. I will give your suggestion a try. However, I think the GMSK board I am using does not pass data to APRS.fi. When I transmit direct to a repeater I show up almost instantly on aprs.fi. When I transmit to my hot spot, I never show up on aprs.fi. However, via the hotspot, the GPS data does get passed to REF20A and subsequently the data shows up on other stations radios. Any suggestions?
>
> --- In gmsk_dv_node@yahoogroups.com, Fran Miele <fran@> wrote:
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> > use rotate.aprs2.net:14580.
> >
> > --Fran, W1FJM
> >
> > <http://www.ccdl.us/>
> >
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> >
> > _____

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> > On 4/5/2013 8:10 AM, n2ki.ham73 wrote:
> > >
> > > I dont think my DPRS Interface is working correctly as it is not
> > > passing GPS data to APRS. What is the server that I should be sending
> > > data to? I think maybe that I have it wrong.
> > >
> > > Thanks
> > >
> > > Anthony N2KI
> > >

> > >
> >
>

9982. Re: gm300

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-06 13:05:05 UTC
From: Ron Wright, N9EE
Topic: 9963 Message: 9982

I've worked with these radios for some time. I bought 2 on ebay last week, $18 ea, and yesterday programmed in 2m freq in a VHF unit that was on 152 MHz.

There are a few issues with the programming.

1. one needs to run in DOS. These are older radios and older software. If try running from Windows jumping to DOS when opening program, even Win98, the program will be sluggish and slow, so slow sometimes that when one tries to read the code plug, (the radio memory), it will timeout before getting all read. Mot requires one to read the code plug before anything can be done. I have old 486 running 98, but I have floppy, yes one of these, that has command.com or DOS 6.2 and the computer boots up in DOS never going to Windows. Then I load the Mot software and program the radios.

2. you may have problems with USB to RS232 adapter. My old computer has RS232 port and my RIB cable has same.

3. most of these VHF radios are 146-174. Straight forward with entering freq 146-148, but if want below 146 then old trick well known is when entering freq press the <SHIFT> key. On the screen one will see the upper case letters for the numbers, but when you have entered all the digits, and you must enter the entire string even though the last 3 digits are 0, still must enter all, hit <ENTER> the actual freq will be displayed. So for freq of 145.35000 enter !$%.#%))) and when hit enter the actual numbers will appear. "NOTE. WHEN ENTERING THE . (decimal point) DO NOT PRESS <SHIFT> KEY... use shift key only for digits. Evidently the developers at Mot were Hams and added this shift trick in the software. Does not work on low band, rigs for 10 & 6m.

4. there is a problem with faster computers. Even though still running serial data at the proper rate, I think 9600, the time between bytes is too fast from typical computer today. I have more modern computers, but when programming these radios I still keep my old 486 at 100 MHz just for this.

These radios are great rigs. I have about 8 of them, 2 on 6m, and some VHF and UHF. I am working on using for DSTAR node also. I think I have figured out the connections for the 5 pin ACC rear type radios. If have 16 pin, which most GM300s have, all can be taken from this connector. Just need to put in jumper U551 in B slot (must open radio for this). Normally DSTAR nodes do not require COS, but if you do then need to go into the programming and set one of the optional I/O pins on the 16 pin connector to COS/PL.

73, ron, n9ee/r

--- In gmsk_dv_node@yahoogroups.com, "cq_de_dave" <dave.phelps@...> wrote:
>
> Huh, thanks for the heads up on this software. I was going to try to get my GM300 up this weekend, and more tools may make the difference.
> Dave
>
> --- In gmsk_dv_node@yahoogroups.com, "Paul Young G0HWC" <paul@> wrote:

> >
> > Hi Steve,
> >
> > The proper Motorola software is dos only but here is info
> > for a Motorola program that works well under XP
> > http://www.g0hwc.com/motorola_gm300_gp300.html
> >
> > Paul G0HWC
> >
> >
> > From: steve
> > Sent: Thursday, April 04, 2013 1:48 PM
> > To: gmsk_dv_node@yahoogroups.com
> > Subject: [gmsk_dv_node] gm300
> >
> >
> > hiya
> >
> > anyone got any ideas how to program the gm300 motorola in windows 8
> >
> > and also anyone know where i can get the plug for the data lead to hook it upto gmsk board ive got the cables and ive got plugs but im just wondering if anyone knows
> >
> > steve
> >
>

9983. Re: [gmsk_dv_node] Re: APRS Server Address

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-06 13:52:17 UTC
From: Fran Miele
Topic: 9971 Message: 9983

it would be the software's job to send the data, not the GMSK board. What
are you using for software? Which GMSK board?

--Fran, W1FJM

<http://s.wisestamp.com/links?url=http%3A%2F%2Fwww.ccdl.us%2F>
<http://s.wisestamp.com/links?url=http%3A%2F%2Fwww.miele-family.com%2Fweather>

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On Sat, Apr 6, 2013 at 7:34 AM, n2ki.ham73 <n2ki.ham73@...> wrote:

> **
>
>
> Fran,
>
> Thanks. I will give your suggestion a try. However, I think the GMSK board
> I am using does not pass data to APRS.fi. When I transmit direct to a
> repeater I show up almost instantly on aprs.fi. When I transmit to my hot
> spot, I never show up on aprs.fi. However, via the hotspot, the GPS data
> does get passed to REF20A and subsequently the data shows up on other
> stations radios. Any suggestions?
>
> --- In gmsk_dv_node@yahoogroups.com, Fran Miele <fran@...> wrote:
> >
> > use rotate.aprs2.net:14580.
> >
> > --Fran, W1FJM
> >
> > <http://www.ccdl.us/>
> >
> > <http://www.miele-family.com/weather>
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> > _____
> >
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> >

> > On 4/5/2013 8:10 AM, n2ki.ham73 wrote:
> > >
> > > I dont think my DPRS Interface is working correctly as it is not
> > > passing GPS data to APRS. What is the server that I should be sending
> > > data to? I think maybe that I have it wrong.
> > >
> > > Thanks
> > >
> > > Anthony N2KI
> > >
> > >
> >
>
>
>

9984. RE: [gmsk_dv_node] Re: gm300

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-06 17:52:25 UTC
From: Fred PA4YBR
Topic: 9963 Message: 9984

Rather than running on an old machine, I use a VM set to emulate a 80386/133 or P3/500 MHz..
that seems to work fine for most of the old Kenwood RSS, and probably also for the Moto RSS.

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Ron Wright, N9EE
Sent: Saturday, April 06, 2013 3:05 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: gm300

I've worked with these radios for some time. I bought 2 on ebay last week, $18 ea, and yesterday programmed in 2m freq in a VHF unit that was on 152 MHz.

There are a few issues with the programming.

1. one needs to run in DOS. These are older radios and older software. If try running from Windows jumping to DOS when opening program, even Win98, the program will be sluggish and slow, so slow sometimes that when one tries to read the code plug, (the radio memory), it will timeout before getting all read. Mot requires one to read the code plug before anything can be done. I have old 486 running 98, but I have floppy, yes one of these, that has command.com or DOS 6.2 and the computer boots up in DOS never going to Windows. Then I load the Mot software and program the radios.

2. you may have problems with USB to RS232 adapter. My old computer has RS232 port and my RIB cable has same.

3. most of these VHF radios are 146-174. Straight forward with entering freq 146-148, but if want below 146 then old trick well known is when entering freq press the <SHIFT> key. On the screen one will see the upper case letters for the numbers, but when you have entered all the digits, and you must enter the entire string even though the last 3 digits are 0, still must enter all, hit <ENTER> the actual freq will be displayed. So for freq of 145.35000 enter !$%.#%))) and when hit enter the actual numbers will appear. "NOTE. WHEN ENTERING THE . (decimal point) DO NOT PRESS <SHIFT> KEY... use shift key only for digits. Evidently the developers at Mot were Hams and added this shift trick in the software. Does not work on low band, rigs for 10 & 6m.

4. there is a problem with faster computers. Even though still running serial data at the proper rate, I think 9600, the time between bytes is too

fast from typical computer today. I have more modern computers, but when programming these radios I still keep my old 486 at 100 MHz just for this.

These radios are great rigs. I have about 8 of them, 2 on 6m, and some VHF and UHF. I am working on using for DSTAR node also. I think I have figured out the connections for the 5 pin ACC rear type radios. If have 16 pin, which most GM300s have, all can be taken from this connector. Just need to put in jumper U551 in B slot (must open radio for this). Normally DSTAR nodes do not require COS, but if you do then need to go into the programming and set one of the optional I/O pins on the 16 pin connector to COS/PL.

73, ron, n9ee/r

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, "cq_de_dave" <dave.phelps@...> wrote:
>
> Huh, thanks for the heads up on this software. I was going to try to get
my GM300 up this weekend, and more tools may make the difference.
> Dave
>
> --- In gmsk_dv_node@yahoogroups.com
<mailto:gmsk_dv_node%40yahoogroups.com> , "Paul Young G0HWC" <paul@> wrote:
> >
> > Hi Steve,
> >
> > The proper Motorola software is dos only but here is info
> > for a Motorola program that works well under XP
> > http://www.g0hwc.com/motorola_gm300_gp300.html
> >
> > Paul G0HWC
> >
> >
> > From: steve
> > Sent: Thursday, April 04, 2013 1:48 PM
> > To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>

> > Subject: [gmsk_dv_node] gm300
> >
> >
> > hiya
> >
> > anyone got any ideas how to program the gm300 motorola in windows 8
> >
> > and also anyone know where i can get the plug for the data lead to hook
it upto gmsk board ive got the cables and ive got plugs but im just
wondering if anyone knows
> >
> > steve
> >
>

9985. RE: [gmsk_dv_node] Re: APRS Server Address

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-06 17:55:14 UTC
From: Fred PA4YBR
Topic: 9971 Message: 9985

Make sure the APRS passcode is correct, and that the username you supply to it is in UpperCase. Other than that, it should report just fine.

But, as Fran says, what kind of gateway software (between the GMSK board and the network) are you using? That software talks to the DPRS-I software...

--f

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of n2ki.ham73
Sent: Saturday, April 06, 2013 2:22 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: APRS Server Address

Fran,

I changes the server address but it is still not reporting to aprs.fi. I am using DPRS Interface. Maybe a setup issue? I have the proper UIView auth code.

--- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
, "n2ki.ham73" <n2ki.ham73@...> wrote:
>
> Fran,
>
> Thanks. I will give your suggestion a try. However, I think the GMSK board I am using does not pass data to APRS.fi. When I transmit direct to a repeater I show up almost instantly on aprs.fi. When I transmit to my hot spot, I never show up on aprs.fi. However, via the hotspot, the GPS data does get passed to REF20A and subsequently the data shows up on other stations radios. Any suggestions?
>
> --- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com> , Fran Miele <fran@> wrote:
> >
> > use rotate.aprs2.net:14580.
> >
> > --Fran, W1FJM
> >
> > <http://www.ccdl.us/>
> >
> > <http://www.miele-family.com/weather>
> >
> >

> > _____
> >
> > IMPORTANT: The contents of this email and any attachments are
> > confidential. They are intended for the named recipient(s) only. If you
> > have received this email by mistake, please notify the sender
> > immediately and do not disclose the contents to anyone or make copies
> > thereof.
> >
> > On 4/5/2013 8:10 AM, n2ki.ham73 wrote:
> > >
> > > I dont think my DPRS Interface is working correctly as it is not
> > > passing GPS data to APRS. What is the server that I should be sending
> > > data to? I think maybe that I have it wrong.
> > >
> > > Thanks
> > >
> > > Anthony N2KI
> > >
> > >
> >
>

9986. MHS - GM900 Strange behavior

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-06 21:04:26 UTC
From: oeneightcibi
Topic: 9986 Message: 9986

Good evening,

I setup the following configuration:
- 2x GM900 Motorola UHF version;
- Dutch Star MHS "Blue" Version HSA V0.1.00F HSFIX
- DV Node for Windows Version 1.5.5
- 2x ICOM IC-92

I'm using the radio ports DB-25 to feed the MHS and the power is provided via DB-9 port.

DV Node is setup in the options with my registered call + B, AuthCall is my call again, tag on Node Adapter, USB ID 0300, tag on Full Duplex automatic link to REF001C at the startup.

When I'm starting the program, the two IC-92 are decoding the message "Gateway Linked" and if there is a QSO ongoing it is clearly decoded. The QSO is correctly broadcasted using the radio setup for TX.

If I'm pushing the PTT of one of the two IC-92 the data is correctly received by the RX radio and decoded by the software displaying the CQCQCQ and the GATEWAY.

If I join a QSO via TCP/IP it works perfectly and the counterparts could hear me "stereophonic" as one reported.

Everything seems to be working good BUT If i'm trying to talk to the other IC-92 the communication, so using the repeater feature, the communication is not passing through and the other IC-92 is just receiving the CARRIER not modulated neither digital nor analog.

Any idea where is the issue and how to fix it?

Cheers,

Bas

9987. (no subject)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-06 21:21:38 UTC
From: tibs01@sky.com
Topic: 9987 Message: 9987

evening :)

anyone give me some idea how to program the motorola gm300

i cant do it :(

9988. RE: [gmsk_dv_node] MHS - GM900 Strange behavior

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-06 21:52:25 UTC
From: Fred PA4YBR
Topic: 9986 Message: 9988

Bas,

This should work. However:

- make sure the board is set to (full) duplex mode; they are set to
half duplex by default.

- DV Node (aka WinDV as you know) is not 100% ok with fullduplex
mode, for a number of reasons. On some systems it works just
fine, on many others (like my own systems ;-) it does not.

You can tell if it is caused by DV Node simply by keying up one of the
IC92's. The second one will then start to receive, but, after about two
seconds, it will start blipping and acting weird, with pausing in the
received transmission, and so on. If this happens: sorry, DV Node will
not do fullduplex on that PC, sorry.

If that DOES work, OK, good, we have to look at the configuration of
both the radios as well as DV Node - sending me a "bug report" from
within the program (with logging enabled) would of course help.

DV Node is being rewritten to using the Qt system, and that will fix the
limitation described above. The current version uses VB6 for parts of
the program, and VB6 just won't deal with it in this configuration...

-fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of oeneightcibi
Sent: Saturday, April 06, 2013 11:04 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] MHS - GM900 Strange behavior

Good evening,

I setup the following configuration:
- 2x GM900 Motorola UHF version;
- Dutch Star MHS "Blue" Version HSA V0.1.00F HSFIX
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I'm using the radio ports DB-25 to feed the MHS and the power is provided
via DB-9 port.

DV Node is setup in the options with my registered call + B, AuthCall is my
call again, tag on Node Adapter, USB ID 0300, tag on Full Duplex automatic

link to REF001C at the startup.

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Any idea where is the issue and how to fix it?

Cheers,

Bas

9989. Re: [gmsk_dv_node] (unknown)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-06 23:29:04 UTC
From: Donald Jacob
Topic: 9987 Message: 9989

Hi Dean,
Do you have the programming software from Motorola and the programming cable.
Also, the Motorola software ONLY runs on slow computers, DOS or some slow WinXP machines.
There is a wealth of information on Repeater Builders website.

How is the new job ?

Talk to you soon
73
Don WB5EKU

On Sat, Apr 6, 2013 at 2:21 PM, tibs01@... <tibs01@...> wrote:

> **
>
>
> evening :)
>
> anyone give me some idea how to program the motorola gm300
>
> i cant do it :(
>
>
>

9990. Re: [gmsk_dv_node] (unknown)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-06 23:31:20 UTC
From: Donald Jacob
Topic: 9987 Message: 9990

Sorry, thought you were someone else, but
the Motorola comments still hold.

Don WB5EKU

On Sat, Apr 6, 2013 at 4:29 PM, Donald Jacob <wb5eku@gmail.com> wrote:

> Hi Dean,
> Do you have the programming software from Motorola and the programming
> cable.
> Also, the Motorola software ONLY runs on slow computers, DOS or some slow
> WinXP machines.
> There is a wealth of information on Repeater Builders website.
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> How is the new job ?
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> Talk to you soon
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> Don WB5EKU
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>>
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9991. Re: [gmsk_dv_node] (unknown)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-07 01:13:07 UTC
From: Tim Tucker
Topic: 9987 Message: 9991

I bought a cheap programming cable for those radios on ebay and the DOS sofware is available here: http://www.worldwidedx.com/vhf-uhf-bands-vhf-uhf-rigs/152019-programming-software-motorola-gm300-download-here.html

You need a real serial cable to do it; the USB-serial adapters won't work.

On Sat, Apr 6, 2013 at 4:31 PM, Donald Jacob <wb5eku@...> wrote:

> **
>
>
> Sorry, thought you were someone else, but
> the Motorola comments still hold.
>
> Don WB5EKU
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>
> On Sat, Apr 6, 2013 at 4:29 PM, Donald Jacob <wb5eku@...> wrote:
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>> Hi Dean,
>> Do you have the programming software from Motorola and the programming
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>> Also, the Motorola software ONLY runs on slow computers, DOS or some slow
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>>>
>>
>
>

9992. RE: [gmsk_dv_node] Re: gm300

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-08 08:31:52 UTC
From: J. M. Moen
Topic: 9963 Message: 9992

As Ron points out, the original Motorola RSS software was written with timing loops that depend on the clock speeds of the 386 or 486 processors. Some of the later upgrades, not used much by Hams, may run on faster machines and later operating systems.

The repeater-builder site has some interesting articles about this. Check out
http://www.repeater-builder.com/motorola/maxtrac/maxtrac-intro-stuff.html, which includes:

"The MaxTrac and Radius RSS requires a real serial port as it talks to the serial port hardware directly. The earlier version of RSS run only on slow computers as it uses software timing loops to create critical delays (the last revisions of the RSS are less sensitive to this than the earlier ones). You must have an appropriate older computer booted into pure MS-DOS or PC-DOS (version 5 or later) and this does NOT mean a DOS window in any version of Windows!!! If RSS, the RIB or DOS is a new topic to you I suggest that you see the Motorola RSS and RIB page at this web site. There are more details including some "old computer" notes there."

RSS and RIB page is at
http://www.repeater-builder.com/motorola/rss/rss-index.html

I have an old 486 that does run the Moto software, but recently saw the attached post (copied below) about Radio Doctor, that apparently doesn't have these timing issues. I plan to use it next time I need to program a GM300 or MaxTrac. (The link in the post has you join the RadioDoctor Yahoo Group in order to download the program.)

Jim - K6JM

The proper Motorola software is dos only but here is info
for a Motorola program that works well under XP
http://www.g0hwc.com/motorola_gm300_gp300.html

Paul G0HWC

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Fred PA4YBR
Sent: Saturday, April 06, 2013 10:52 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: gm300

Rather than running on an old machine, I use a VM set to emulate a 80386/133 or P3/500 MHz..

that seems to work fine for most of the old Kenwood RSS, and probably also for the Moto RSS.

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Ron Wright, N9EE
Sent: Saturday, April 06, 2013 3:05 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: gm300

I've worked with these radios for some time. I bought 2 on ebay last week, $18 ea, and yesterday programmed in 2m freq in a VHF unit that was on 152 MHz.

There are a few issues with the programming.

1. one needs to run in DOS. These are older radios and older software. If try running from Windows jumping to DOS when opening program, even Win98, the program will be sluggish and slow, so slow sometimes that when one tries to read the code plug, (the radio memory), it will timeout before getting all read. Mot requires one to read the code plug before anything can be done. I have old 486 running 98, but I have floppy, yes one of these, that has command.com or DOS 6.2 and the computer boots up in DOS never going to Windows. Then I load the Mot software and program the radios.

2. you may have problems with USB to RS232 adapter. My old computer has RS232 port and my RIB cable has same.

3. most of these VHF radios are 146-174. Straight forward with entering freq 146-148, but if want below 146 then old trick well known is when entering freq press the <SHIFT> key. On the screen one will see the upper case letters for the numbers, but when you have entered all the digits, and you must enter the entire string even though the last 3 digits are 0, still must enter all, hit <ENTER> the actual freq will be displayed. So for freq of 145.35000 enter !$%.#%))) and when hit enter the actual numbers will appear. "NOTE. WHEN ENTERING THE . (decimal point) DO NOT PRESS <SHIFT> KEY... use shift key only for digits. Evidently the developers at Mot were Hams and added this shift trick in the software. Does not work on low band, rigs for 10 & 6m.

4. there is a problem with faster computers. Even though still running serial data at the proper rate, I think 9600, the time between bytes is too fast from typical computer today. I have more modern computers, but when programming these radios I still keep my old 486 at 100 MHz just for this.

These radios are great rigs. I have about 8 of them, 2 on 6m, and some VHF and UHF. I am working on using for DSTAR node also. I think I have figured out the connections for the 5 pin ACC rear type radios. If have 16 pin, which most GM300s have, all can be taken from this connector. Just need to put in jumper U551 in B slot (must open radio for this). Normally DSTAR nodes do not require COS, but if you do then need to go into the programming

and set one of the optional I/O pins on the 16 pin connector to COS/PL.

73, ron, n9ee/r

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> Huh, thanks for the heads up on this software. I was going to try to get
my GM300 up this weekend, and more tools may make the difference.
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> > Hi Steve,
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> >
> > Paul G0HWC
> >
> >
> > From: steve
> > Sent: Thursday, April 04, 2013 1:48 PM
> > To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>

> > Subject: [gmsk_dv_node] gm300
> >
> >
> > hiya
> >
> > anyone got any ideas how to program the gm300 motorola in windows 8
> >
> > and also anyone know where i can get the plug for the data lead to hook
it upto gmsk board ive got the cables and ive got plugs but im just
wondering if anyone knows
> >
> > steve
> >
>

9993. RE: [gmsk_dv_node] Re: gm300

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-08 08:40:50 UTC
From: J. M. Moen
Topic: 9963 Message: 9993

Ron,

I've documented how to build a cable from a GMSK board to MaxTrac or GM300 16 pin connector at http://www.k6jm.com/hs-setupcbl.htm, but I haven't covered the 5-pin connector and associated RSS and jumper changes. When you get yours going, would you mind posting what you learn about the 5-pin connector models? I think that would be helpful to others.

Jim - K6JM

PS Good info about programming these radios. I've used that Shift trick to program a frequency that was close to, but out of range of my MaxTrac. I first learned about it from a friend, but it's been documented at http://www.repeater-builder.com/motorola/rss/rss-index.html (search for "shift").

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Ron Wright, N9EE
Sent: Saturday, April 06, 2013 6:05 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: gm300
I've worked with these radios for some time. I bought 2 on ebay last week, $18 ea, and yesterday programmed in 2m freq in a VHF unit that was on 152 MHz.

There are a few issues with the programming.

1. one needs to run in DOS. These are older radios and older software. If try running from Windows jumping to DOS when opening program, even Win98, the program will be sluggish and slow, so slow sometimes that when one tries to read the code plug, (the radio memory), it will timeout before getting all read. Mot requires one to read the code plug before anything can be done. I have old 486 running 98, but I have floppy, yes one of these, that has command.com or DOS 6.2 and the computer boots up in DOS never going to Windows. Then I load the Mot software and program the radios.

2. you may have problems with USB to RS232 adapter. My old computer has RS232 port and my RIB cable has same.

3. most of these VHF radios are 146-174. Straight forward with entering freq 146-148, but if want below 146 then old trick well known is when entering freq press the <SHIFT> key. On the screen one will see the upper case letters for the numbers, but when you have entered all the digits, and you must enter the entire string even though the last 3 digits are 0, still must enter all, hit <ENTER> the actual freq will be displayed. So for freq of 145.35000 enter !$%.#%))) and when hit enter the actual numbers will appear. "NOTE. WHEN ENTERING THE . (decimal point) DO NOT PRESS <SHIFT> KEY... use

shift key only for digits. Evidently the developers at Mot were Hams and added this shift trick in the software. Does not work on low band, rigs for 10 & 6m.

4. there is a problem with faster computers. Even though still running serial data at the proper rate, I think 9600, the time between bytes is too fast from typical computer today. I have more modern computers, but when programming these radios I still keep my old 486 at 100 MHz just for this.

These radios are great rigs. I have about 8 of them, 2 on 6m, and some VHF and UHF. I am working on using for DSTAR node also. I think I have figured out the connections for the 5 pin ACC rear type radios. If have 16 pin, which most GM300s have, all can be taken from this connector. Just need to put in jumper U551 in B slot (must open radio for this). Normally DSTAR nodes do not require COS, but if you do then need to go into the programming and set one of the optional I/O pins on the 16 pin connector to COS/PL.

73, ron, n9ee/r

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> > From: steve
> > Sent: Thursday, April 04, 2013 1:48 PM
> > To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>

> > Subject: [gmsk_dv_node] gm300
> >
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> > hiya
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> > anyone got any ideas how to program the gm300 motorola in windows 8
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> > and also anyone know where i can get the plug for the data lead to hook it upto gmsk board ive got the cables and ive got plugs but im just

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> > steve
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9994. Re: gm300

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-08 11:40:41 UTC
From: Ron Wright, N9EE
Topic: 9963 Message: 9994

Jim,

Sure I'll doc it and post in FILES of this board. I have a photo of the logic board with labels pointing to the needed connections.

Before I post anything I want to do some final operational test.

Most of the MaxTracs with 16 pin connector go for more money than the 5 pin versions. I think because the rigs with 16 pin conn have more channels and in higher demand. Most of the 5 pin versions have only 2 ch.

73, ron, n9ee/r

--- In gmsk_dv_node@yahoogroups.com, "J. M. Moen" <jim@...> wrote:
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> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of Ron Wright, N9EE
> Sent: Saturday, April 06, 2013 6:05 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Re: gm300
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> all read. Mot requires one to read the code plug before anything can be
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> Windows. Then I load the Mot software and program the radios.
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> 2. you may have problems with USB to RS232 adapter. My old computer has
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> 146-148, but if want below 146 then old trick well known is when entering
> freq press the <SHIFT> key. On the screen one will see the upper case
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> > > steve
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>

9995. RE: [gmsk_dv_node] Re: gm300

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-08 15:33:12 UTC
From: J. M. Moen
Topic: 9963 Message: 9995

Ron,

Your docs will be great, thanks.

I normally program only two channels - one for duplex (both radios are programmed the same so I can swap if something goes wrong with the TX) and the other channel for simplex. So for hams using these radios in a Hotspot or D-Star compatible repeater, more channels aren't all that useful.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Ron Wright, N9EE
Sent: Monday, April 08, 2013 4:41 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: gm300
Jim,

Sure I'll doc it and post in FILES of this board. I have a photo of the logic board with labels pointing to the needed connections.

Before I post anything I want to do some final operational test.

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> I've documented how to build a cable from a GMSK board to MaxTrac or GM300
> 16 pin connector at http://www.k6jm.com/hs-setupcbl.htm, but I haven't
> covered the 5-pin connector and associated RSS and jumper changes. When
you
> get yours going, would you mind posting what you learn about the 5-pin
> connector models? I think that would be helpful to others.
>
> Jim - K6JM

9996. RPT1/RPT2

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-09 16:01:57 UTC
From: n3pzt
Topic: 9850 Message: 9996

Last evening, on the Philadelphia DStar Net and
looking at the Call History window in WinDV, one
station was using a DVAP and I saw his callsign
in RPT1 and REF020A in RPT2. I didn't want to tie
up the net with following question. Using option 2
that Fred recommends, did he leave those two fields
blank and they were populated automatically in WinDV
or did he have to manually enter his callsign in RPT1
and REF020A in RPT2 when he's on his CQCQCQ memory
channel?

Stuj WI3J

9997. Thorcom RLC290 GMSK Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-10 00:42:28 UTC
From: w4mpq
Topic: 9997 Message: 9997

Has anyone looked into using the thorcom RLC290 GMSK MODEM for a d-star hot spot? They were used with Motorola GM340 radios. Looks like it might work.
Bob

9998. Re: Thorcom RLC290 GMSK Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-10 19:22:18 UTC
From: g1zpu
Topic: 9997 Message: 9998

I have the hardware manual for the RLC290, and the later 292.
Both use the CML589 GMSK devices and both are FULL duplex capable.

I did ask the technical director of Thorcom about doing a "KISS mode" firmware for it so that it dumps the GMSK data out of the serial port, but he's too busy to contemplate it, and not that interested in DSTAR anyway as it won't earn him any money!!

There is enough processing power on the RLC290 to do a lot of the work that the PC has to do with existing modems. It could conceivably be configured to work as a bit-regen type repeater.

Have you got one to play with?

Rob
M0ZPU

--- In gmsk_dv_node@yahoogroups.com, "w4mpq" <w4mpq@...> wrote:
>
> Has anyone looked into using the thorcom RLC290 GMSK MODEM for a d-star hot spot? They were used with Motorola GM340 radios. Looks like it might work.
> Bob
>

9999. RE: [gmsk_dv_node] Re: Thorcom RLC290 GMSK Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-10 19:51:08 UTC
From: Fred PA4YBR
Topic: 9997 Message: 9999

Some info or a copy of that manual would be interesting to read...

--f

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of g1zpu
Sent: Wednesday, April 10, 2013 9:22 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Thorcom RLC290 GMSK Modem

I have the hardware manual for the RLC290, and the later 292.
Both use the CML589 GMSK devices and both are FULL duplex capable.

I did ask the technical director of Thorcom about doing a "KISS mode" firmware for it so that it dumps the GMSK data out of the serial port, but he's too busy to contemplate it, and not that interested in DSTAR anyway as it won't earn him any money!!

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Have you got one to play with?

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--- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>, "w4mpq" <w4mpq@...> wrote:
>
> Has anyone looked into using the thorcom RLC290 GMSK MODEM for a d-star hot spot? They were used with Motorola GM340 radios. Looks like it might work.
> Bob
>

10000. RE: [gmsk_dv_node] Re: Thorcom RLC290 GMSK Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-10 21:15:22 UTC
From: J. M. Moen
Topic: 9997 Message: 10000

I haven't found one for the 290, but Thorcom has one for the RLC292 at
http://www.thorcom.co.uk/products/rlc292/reference_manual.html

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of Fred PA4YBR
Sent: Wednesday, April 10, 2013 12:51 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: Thorcom RLC290 GMSK Modem

Some info or a copy of that manual would be interesting to read...

--f

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of g1zpu
Sent: Wednesday, April 10, 2013 9:22 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Thorcom RLC290 GMSK Modem

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the PC has to do with existing modems. It could conceivably be configured to
work as a bit-regen type repeater.

Have you got one to play with?

Rob
M0ZPU

--- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
, "w4mpq" <w4mpq@...> wrote:
>
> Has anyone looked into using the thorcom RLC290 GMSK MODEM for a d-star
hot spot? They were used with Motorola GM340 radios. Looks like it might
work.
> Bob
>

10001. Re: Thorcom RLC290 GMSK Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-10 21:47:50 UTC
From: w4mpq
Topic: 9997 Message: 10001

I need a copy of the GLC290 manual. If you can send it to me, I can create a scanned pdf. I have 2 modems. One is dead due to lithium battery being dead. The other one (with Garmin GPS board) seems to work but I need programming instructions and maybe flashing info for the dead one.
My address is good in QRZ.
Bob
--- In gmsk_dv_node@yahoogroups.com, "g1zpu" <rob@...> wrote:
>
> I have the hardware manual for the RLC290, and the later 292.
> Both use the CML589 GMSK devices and both are FULL duplex capable.
>
> I did ask the technical director of Thorcom about doing a "KISS mode" firmware for it so that it dumps the GMSK data out of the serial port, but he's too busy to contemplate it, and not that interested in DSTAR anyway as it won't earn him any money!!
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> There is enough processing power on the RLC290 to do a lot of the work that the PC has to do with existing modems. It could conceivably be configured to work as a bit-regen type repeater.
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> Have you got one to play with?
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> Rob
> M0ZPU
>
> --- In gmsk_dv_node@yahoogroups.com, "w4mpq" <w4mpq@> wrote:
> >
> > Has anyone looked into using the thorcom RLC290 GMSK MODEM for a d-star hot spot? They were used with Motorola GM340 radios. Looks like it might work.
> > Bob
> >
>

10002. XMIT Cycles using WinDV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-11 01:17:22 UTC
From: Dave Paquette
Topic: 10002 Message: 10002

Am I over looking something?
I've got 2 Moen Boards connected to separate PC's. One for a VHF system and the other for UHF.
I have no issues when using the DVAR Hot Spot software with either setup. I've downloaded WinDV
and installed into both computers and was careful not to overlook anything. I'm able to operate the

system with the new software for approx 3 seconds, then it stops transmitting for a second and transmits

for another 3 seconds and stops transmitting. At first I thought I was UN-keying the mic, but that isn't the case.
I've looked at timing etc. Can't figure this one out.

So, I went back to DVAR HotSpot and working fine.

I'd like the return to the Win DV Software because of its capability.

Any ideas?

Thanks in advance
Dave KA1JWM

10003. Re: [gmsk_dv_node] XMIT Cycles using WinDV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-11 01:38:37 UTC
From: Dave (MW0RUH)
Topic: 10002 Message: 10003

Why are you not using G4KLX software much more flexible and can be run off the same PC ?

DAVE

From: Dave Paquette
Sent: Thursday, April 11, 2013 2:17 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] XMIT Cycles using WinDV

Am I over looking something?
I've got 2 Moen Boards connected to separate PC's. One for a VHF system and the other for UHF.
I have no issues when using the DVAR Hot Spot software with either setup. I've downloaded WinDV
and installed into both computers and was careful not to overlook anything. I'm able to operate the

system with the new software for approx 3 seconds, then it stops transmitting for a second and transmits

for another 3 seconds and stops transmitting. At first I thought I was UN-keying the mic, but that isn't the case.
I've looked at timing etc. Can't figure this one out.

So, I went back to DVAR HotSpot and working fine.

I'd like the return to the Win DV Software because of its capability.

Any ideas?

Thanks in advance
Dave KA1JWM

10004. RE: [gmsk_dv_node] XMIT Cycles using WinDV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-11 02:35:03 UTC
From: J. M. Moen
Topic: 10002 Message: 10004

Dave,

Interesting problem. We know WinDV works for many people (including me), so the trick is finding what's different in your setup.

First off, are you operating simplex or duplex? If duplex, you may want to get the Beta version of the firmware.

Next, and this is improbable since your system works with DVAR Hot Spot, you may want to double-check the board jumpers and firmware settings vs. my recommendations at http://www.moencomm.com/SBsettings.htm. I sometimes see problems where the jumpers choose RSSI (or what's called V5 mode) but you fail to check the RSSI Report in the firmware settings - or vice-versa.

And be sure if you checked Half Duplex in the firmware settings, that you told WinDV simplex, (or vice-versa for full duplex).

WinDV has (IMHO) an excellent GUI interface when operating from the shack, so I can understand why you'd like to get that working.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Dave Paquette
Sent: Wednesday, April 10, 2013 6:17 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] XMIT Cycles using WinDV

Am I over looking something?

I've got 2 Moen Boards connected to separate PC's. One for a VHF system and the other for UHF.

I have no issues when using the DVAR Hot Spot software with either setup. I've downloaded WinDV

and installed into both computers and was careful not to overlook anything. I'm able to operate the

system with the new software for approx 3 seconds, then it stops transmitting for a second and transmits

for another 3 seconds and stops transmitting. At first I thought I was UN-keying the mic, but that isn't the case.

I've looked at timing etc. Can't figure this one out.

So, I went back to DVAR HotSpot and working fine.

I'd like the return to the Win DV Software because of its capability.

Any ideas?

Thanks in advance

Dave KA1JWM

10005. MB6NK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-13 19:51:28 UTC
From: steve
Topic: 10005 Message: 10005

MB6NK d-star node on 144.825 in the medway towns for the amateur radio users , with d-star handhelds that cant use them due to lack of repeaters in the medway towns feel free to use the node.. www.steve-gibbs.co.uk website for the node.

10006. Star*Board problem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-13 22:04:38 UTC
From: wb4dhc
Topic: 10006 Message: 10006

I'm connecting the Star*Board that I just received to my FT-7800. The packet speed is confirmed to be 9600. In NAWinTest the RF Read test works fine (Green RF Header and line in RF Data) and is repeatable w/o problems.

However when I go into EchoTest and transmit with the ID-51 the board and radio show that they are receiving ("recording " in the program window) and then transmit for some seconds ("speaking callsign" in the program window) Radio keys briefly but no audio from the 51 OR from my 706 which is being used as a monitor. I adjusted both R1 and R36 w/o any noticeable change.

Any thoughts are appreciated.

Robert
WB4DHC

10007. Has anyone used an Alinco 135 in a Hotspot?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-13 22:18:46 UTC
From: J. M. Moen
Topic: 10007 Message: 10007

I've been working with a Star*Board customer who was able to get his system to work with several analog radios. But when he hooked up to an Alinco DR-135, and after careful adjustment of the TX potentiometer, the text message being transmitted was nearly always garbled or with errors. He tried many different things, but the common element was that radio. He doesn't know if the particular radio is the problem, or perhaps the 135's design has some audio processing in the TX audio chain, which we know can be harmful for GMSK modulation. The radio's user manual does not have a schematic.

Normally, an analog radio that supports 9600 baud packet data will work with a GMSK modem in Hotspot service. It could be this radio is an exception.

Has anyone successfully used an Alinco with a GMSK modem, in particular, a DR-135? If yes, did you notice if the user message text being transmitted was accurate?

Jim - K6JM - www.moencomm.com

10008. Re: [gmsk_dv_node] Star*Board problem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-13 22:19:56 UTC
From: Ken
Topic: 10006 Message: 10008

The adjustment is very very sensitive for the 51... try putting the hotspots radio on wideband and do it again

73
Ken
KC2IDB

Sent from my Verizon Wireless 4G LTE DROID

wb4dhc <rcopelan@gmail.com> wrote:

>I'm connecting the Star*Board that I just received to my FT-7800. The packet speed is confirmed to be 9600. In NAWinTest the RF Read test works fine (Green RF Header and line in RF Data) and is repeatable w/o problems.
>
>However when I go into EchoTest and transmit with the ID-51 the board and radio show that they are receiving ("recording " in the program window) and then transmit for some seconds ("speaking callsign" in the program window) Radio keys briefly but no audio from the 51 OR from my 706 which is being used as a monitor. I adjusted both R1 and R36 w/o any noticeable change.
>
>Any thoughts are appreciated.
>
>Robert
>WB4DHC
>
>
>

10009. RE: [gmsk_dv_node] Star*Board problem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-13 22:30:48 UTC
From: J. M. Moen
Topic: 10006 Message: 10009

Robert,

I'd go into NAWinCFG and change the value of TX Invert. Once you find the correct setting and are able to get some decoding on your D-Star radio, then use NAWinTEST's Echo Test to *carefully* adjust the TX trim pot for optimal decoding.

It's rare that the RX pot needs to be adjusted very carefully, but the TX pot is another story.

You are past this point, but for others starting out, take a look at my short FAQ at http://www.k6jm.com/FAQtrblshoot.htm . In this, case, Question 5 tries to address this issue.

If TX Invert doesn't fix it, it's possible there's a mismatch between the jumper settings and the firmware settings. I document the Star*Board's recommended settings at http://www.moencomm.com/SBsettings.htm . In particular, it's important that the SW4 be jumpered with the rightmost or pins 2+3, and the firmware's RSSI Report box be checked.

Jim - K6JM - www.moencomm.com

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of wb4dhc
Sent: Saturday, April 13, 2013 3:05 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Star*Board problem

I'm connecting the Star*Board that I just received to my FT-7800. The packet speed is confirmed to be 9600. In NAWinTest the RF Read test works fine (Green RF Header and line in RF Data) and is repeatable w/o problems.

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Any thoughts are appreciated.

Robert
WB4DHC

10010. Re: [gmsk_dv_node] Star*Board problem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-13 23:43:32 UTC
From: R. Niles Vaught
Topic: 10006 Message: 10010

Robert,
try setting your ft-7800 to FM-N instead of FM

Niles
K4RNV

From: J. M. Moen <jim@...>
To: gmsk_dv_node@yahoogroups.com
Sent: Sat, April 13, 2013 6:30:38 PM
Subject: RE: [gmsk_dv_node] Star*Board problem

Robert,
I'd go into NAWinCFG and change the value of TX Invert. Once you find the correct setting and are able to get some decoding on your D-Star radio, then use NAWinTEST's Echo Test to *carefully* adjust the TX trim pot for optimal decoding.
It's rare that the RX pot needs to be adjusted very carefully, but the TX pot is another story.
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If TX Invert doesn't fix it, it's possible there's a mismatch between the jumper settings and the firmware settings. I document the Star*Board's recommended settings athttp://www.moencomm.com/SBsettings.htm. In particular, it's important that the SW4 be jumpered with the rightmost or pins 2+3, and the firmware's RSSI Report box be checked.
Jim – K6JM –www.moencomm.com
From:gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]On Behalf Ofwb4dhc
Sent:Saturday, April 13, 2013 3:05 PM
To:gmsk_dv_node@yahoogroups.com
Subject:[gmsk_dv_node] Star*Board problem

I'm connecting the Star*Board that I just received to my FT-7800. The packet speed is confirmed to be 9600. In NAWinTest the RF Read test works fine (Green RF Header and line in RF Data) and is repeatable w/o problems.

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Any thoughts are appreciated.

Robert
WB4DHC

10011. Re: [gmsk_dv_node] Star*Board problem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-13 23:56:58 UTC
From: Robert Copelan
Topic: 10006 Message: 10011

Jim, Niles, Ken and all.
I did check the jumpers and the settings. They do match including RSSI.
RSSI in the program shows full bars green. I set the radio's Menu 47
(Wid.Narr) to Narrow since it was on wide for previous tests.

When monitoring the hotspot radio's output on the 706 I don't hear any
digital info. only dead carrier. Did this several times and adjusted each
Pot through the range. (low, center, high). Sometimes the test program
locks up and has to be canceled. Sometimes not.

Might go dig out my FT8500 and see if it has any better luck.

On Sat, Apr 13, 2013 at 7:43 PM, R. Niles Vaught <nvaught@...>wrote:

> **
>
>
> Robert,
> try setting your ft-7800 to FM-N instead of FM
>
> Niles
> K4RNV
>
> ------------------------------
> *From:* J. M. Moen <jim@...>
> *To:* gmsk_dv_node@yahoogroups.com
> *Sent:* Sat, April 13, 2013 6:30:38 PM
> *Subject:* RE: [gmsk_dv_node] Star*Board problem
>
>
>
> Robert,
>
> I'd go into NAWinCFG and change the value of TX Invert. Once you find the
> correct setting and are able to get some decoding on your D-Star radio,
> then use NAWinTEST's Echo Test to ****carefully** adjust the TX trim pot
> for optimal decoding.
>
> It's rare that the RX pot needs to be adjusted very carefully, but the TX
> pot is another story.
>
> You are past this point, but for others starting out, take a look at my
> short FAQ at
http://www.k6jm.com/FAQtrblshoot.htm<http://www.k6jm.com/FAQtrblshoot.htm> .
> In this, case, Question 5 tries to address this issue.
>

> If TX Invert doesn’t fix it, it’s possible there’s a mismatch between the
> jumper settings and the firmware settings. I document the Star*Board’s
> recommended settings at
http://www.moencomm.com/SBsettings.htm<http://www.moencomm.com/SBsettings.htm>. In
particular, it’s
> important that the SW4 be jumpered with the rightmost or pins 2+3, and the
> firmware’s RSSI Report box be checked.
>
> Jim – K6JM – *www.moencomm.com* <http://www.moencomm.com>
>
> ***From:* gmsk_dv_node@yahoogroups.com [
> mailto:gmsk_dv_node@yahoogroups.com <gmsk_dv_node@yahoogroups.com>]*** On
> Behalf Of* wb4dhc
> ***Sent:* Saturday, April 13, 2013 3:05 PM
> ***To:* gmsk_dv_node@yahoogroups.com
> ***Subject:* [gmsk_dv_node] Star*Board problem
>
>
>
> I'm connecting the Star*Board that I just received to my FT-7800. The
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> fine (Green RF Header and line in RF Data) and is repeatable w/o problems.
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> However when I go into EchoTest and transmit with the ID-51 the board and
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> then transmit for some seconds ("speaking callsign" in the program window)
> Radio keys briefly but no audio from the 51 OR from my 706 which is being
> used as a monitor. I adjusted both R1 and R36 w/o any noticeable change.
>
> Any thoughts are appreciated.
>
> Robert
> WB4DHC
>
>
>

10012. RE: [gmsk_dv_node] Star*Board problem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-14 00:13:11 UTC
From: NO9S Steve Butler
Topic: 10006 Message: 10012

Make sure you have the ctcss turned off.

Steve NO9S

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Robert Copelan
Sent: Saturday, April 13, 2013 7:57 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Star*Board problem

Jim, Niles, Ken and all.

I did check the jumpers and the settings. They do match including RSSI. RSSI in the program shows full bars green. I set the radio's Menu 47 (Wid.Narr) to Narrow since it was on wide for previous tests.

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On Sat, Apr 13, 2013 at 7:43 PM, R. Niles Vaught <nvaught@...> wrote:

Robert,
try setting your ft-7800 to FM-N instead of FM

Niles
K4RNV

From: J. M. Moen <jim@...>
To: gmsk_dv_node@yahoogroups.com
Sent: Sat, April 13, 2013 6:30:38 PM
Subject: RE: [gmsk_dv_node] Star*Board problem

Robert,

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Jim - K6JM - <http://www.moencomm.com> www.moencomm.com

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of wb4dhc
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Subject: [gmsk_dv_node] Star*Board problem

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Any thoughts are appreciated.

Robert
WB4DHC

10013. Re: [gmsk_dv_node] Star*Board problem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-14 02:16:03 UTC
From: Robert Copelan
Topic: 10006 Message: 10013

It's turned off Steve.
Rebooted all components in the system. The locking up of NAWinTest has not reoccurred. I can here some low digital modulation on the monitoring radio now. It's volume doesn't vary with the pot adjustment (R1). Will continue the work tomorrow with a clear head. (hopefully)

Thanks for all the suggestions tonight.

On Sat, Apr 13, 2013 at 8:13 PM, NO9S Steve Butler <no9s@...> wrote:

> **
>
>
> Make sure you have the ctcss turned off.****
>
> ** **
>
> Steve NO9S****
>
> ** **
>
> *From:* gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
> *On Behalf Of *Robert Copelan
> *Sent:* Saturday, April 13, 2013 7:57 PM
> *To:* gmsk_dv_node@yahoogroups.com
> *Subject:* Re: [gmsk_dv_node] Star*Board problem****
>
> ** **
>
> ****
>
> Jim, Niles, Ken and all. ****
>
> I did check the jumpers and the settings. They do match including RSSI.
> RSSI in the program shows full bars green. I set the radio's Menu 47
> (Wid.Narr) to Narrow since it was on wide for previous tests.
> ****
>
> When monitoring the hotspot radio's output on the 706 I don't hear any
> digital info. only dead carrier. Did this several times and adjusted each
> Pot through the range. (low, center, high). Sometimes the test program
> locks up and has to be canceled. Sometimes not. ****
>
> Might go dig out my FT8500 and see if it has any better luck. ****
>
> ** **

>
> On Sat, Apr 13, 2013 at 7:43 PM, R. Niles Vaught <nvaught@...>
> wrote:****
>
> ****
>
> Robert,
> try setting your ft-7800 to FM-N instead of FM
>
> Niles
> K4RNV****
>
> ** **
> ------------------------------
>
> *From:* J. M. Moen <jim@...>
> *To:* gmsk_dv_node@yahoogroups.com
> *Sent:* Sat, April 13, 2013 6:30:38 PM
> *Subject:* RE: [gmsk_dv_node] Star*Board problem
>
> ****
>
> Robert,****
>
> I'd go into NAWinCFG and change the value of TX Invert. Once you find the
> correct setting and are able to get some decoding on your D-Star radio,
> then use NAWinTEST's Echo Test to **carefully** adjust the TX trim pot
> for optimal decoding.****
>
> It's rare that the RX pot needs to be adjusted very carefully, but the TX
> pot is another story.****
>
> You are past this point, but for others starting out, take a look at my
> short FAQ at http://www.k6jm.com/FAQtrblshoot.htm . In this, case,
> Question 5 tries to address this issue. ****
>
> If TX Invert doesn't fix it, it's possible there's a mismatch between the
> jumper settings and the firmware settings. I document the Star*Board's
> recommended settings at http://www.moencomm.com/SBsettings.htm . In
> particular, it's important that the SW4 be jumpered with the rightmost or
> pins 2+3, and the firmware's RSSI Report box be checked.****
>
> Jim – K6JM – www.moencomm.com ****
>
> *From:* gmsk_dv_node@yahoogroups.com
[mailto:gmsk_dv_node@yahoogroups.com<gmsk_dv_node@yahoogroups.com>
>]* **On Behalf Of* wb4dhc
> *Sent:* Saturday, April 13, 2013 3:05 PM
> *To:* gmsk_dv_node@yahoogroups.com
> *Subject:* [gmsk_dv_node] Star*Board problem****

>
> ****
>
> I'm connecting the Star*Board that I just received to my FT-7800. The
> packet speed is confirmed to be 9600. In NAWinTest the RF Read test works
> fine (Green RF Header and line in RF Data) and is repeatable w/o problems.
>
> However when I go into EchoTest and transmit with the ID-51 the board and
> radio show that they are receiving ("recording " in the program window) and
> then transmit for some seconds ("speaking callsign" in the program window)
> Radio keys briefly but no audio from the 51 OR from my 706 which is being
> used as a monitor. I adjusted both R1 and R36 w/o any noticeable change.
>
> Any thoughts are appreciated.
>
> Robert
> WB4DHC ****
>
> ** **
>
> ****
>
>
>

10014. Re: Star*Board problem solved with different radio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-14 03:16:49 UTC
From: wb4dhc
Topic: 10006 Message: 10014

UPdate... Moved over to the IC-706MKIIG and it works fine there!
Will worry about the 7800 later since clearly the issue is with the radio.

10015. Re: MHS - GM900 Strange behavior

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-14 08:10:00 UTC
From: oeneightcibi
Topic: 9986 Message: 10015

So, I received a beta firmware from Fred and after installing it the modem become unresponsive.
Sometimes it detects the header (YOUR/RPT 1/RPT 2/MY) but the "audio" part is no longer encoded/decoded.

Here is what I exactly wrote to Fred before he left for a trip:

"Something went wrong or I did something wrong. The board doesn't decode anything anymore... weirdo...
I pushed the .hex from my licensed firmware downloaded from your website and still the same behavior, no decoding at all.
Tried again pushing the new firmware (Dutch*Star NODE V0.1.31-02I (BETA) and no joy.
I changed the firmware several times and sometimes the board's LED are BLU-YELLOW-YELLOW-YELLOW static..."

And this is the second email I sent to Fred after some additional tests and attempts to resuscitate the GMSK board:

"he MHS doesn't work properly, as I wrote on my previous email, after having updated the firmware the modem is transmitting just the carrier.
Strange behavior is the fact that sometimes using NAWinTest the call is decoded but if I'm using the Echo Test, nothing is encoded/decoded, not the registered call, neither your voice/call nor the recorded message.
Most of the time the modem doesn't decode any kind of digital traffic.

I swapped several times between the "old" firmware I downloaded from my license page and the beta firmware but no results using both firmware, no decode/encode or if the call is detected no modulation is passing through.

I also did some hardware changes for troubleshooting purposes, like changing the cable, or installing the old simplex rig.
In very doubt I swapped the 1458 with a new one, thinking about the amplifier was broken... nothing..
I've used windows XP and windows 7, for programming the modem just Windows XP works, 7 doesn't."

Fred most probably is still not available so I'm asking to the group: do you have any idea?

Please note: I cannot provide a copy of the beta firmware as it is Fred's copyright and licensed to my call, so please don't ask.

Thanks.

Bas

--- In gmsk_dv_node@yahoogroups.com, "Fred PA4YBR" <fred@...> wrote:
>
> Bas,

>
> This should work. However:
>
> - make sure the board is set to (full) duplex mode; they are set to
> half duplex by default.
>
> - DV Node (aka WinDV as you know) is not 100% ok with fullduplex
> mode, for a number of reasons. On some systems it works just
> fine, on many others (like my own systems ;-) it does not.
>
> You can tell if it is caused by DV Node simply by keying up one of the
> IC92's. The second one will then start to receive, but, after about two
> seconds, it will start blipping and acting weird, with pausing in the
> received transmission, and so on. If this happens: sorry, DV Node will
> not do fullduplex on that PC, sorry.
>
> If that DOES work, OK, good, we have to look at the configuration of
> both the radios as well as DV Node - sending me a "bug report" from
> within the program (with logging enabled) would of course help.
>
> DV Node is being rewritten to using the Qt system, and that will fix the
> limitation described above. The current version uses VB6 for parts of
> the program, and VB6 just won't deal with it in this configuration...
>
> -fred
>
>
>
>
> _____
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of oeneightcibi
> Sent: Saturday, April 06, 2013 11:04 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] MHS - GM900 Strange behavior
>
>
>
>
> Good evening,
>
> I setup the following configuration:
> - 2x GM900 Motorola UHF version;
> - Dutch Star MHS "Blue" Version HSA V0.1.00F HSFIX
> - DV Node for Windows Version 1.5.5
> - 2x ICOM IC-92
>
> I'm using the radio ports DB-25 to feed the MHS and the power is provided
> via DB-9 port.

>
> DV Node is setup in the options with my registered call + B, AuthCall is my
> call again, tag on Node Adapter, USB ID 0300, tag on Full Duplex automatic
> link to REF001C at the startup.
>
> When I'm starting the program, the two IC-92 are decoding the message
> "Gateway Linked" and if there is a QSO ongoing it is clearly decoded. The
> QSO is correctly broadcasted using the radio setup for TX.
>
> If I'm pushing the PTT of one of the two IC-92 the data is correctly
> received by the RX radio and decoded by the software displaying the CQCQCQ
> and the GATEWAY.
>
> If I join a QSO via TCP/IP it works perfectly and the counterparts could
> hear me "stereophonic" as one reported.
>
> Everything seems to be working good BUT If i'm trying to talk to the other
> IC-92 the communication, so using the repeater feature, the communication is
> not passing through and the other IC-92 is just receiving the CARRIER not
> modulated neither digital nor analog.
>
> Any idea where is the issue and how to fix it?
>
> Cheers,
>
> Bas
>

10016. RE: [gmsk_dv_node] Has anyone used an Alinco 135 in a Hotspot?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-14 10:48:54 UTC
From: Fred PA4YBR
Topic: 10007 Message: 10016

We had several problems with the DR135, and stopped using them.

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of J. M. Moen
Sent: Sunday, April 14, 2013 12:19 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Has anyone used an Alinco 135 in a Hotspot?

I've been working with a Star*Board customer who was able to get his system to work with several analog radios. But when he hooked up to an Alinco DR-135, and after careful adjustment of the TX potentiometer, the text message being transmitted was nearly always garbled or with errors. He tried many different things, but the common element was that radio. He doesn't know if the particular radio is the problem, or perhaps the 135's design has some audio processing in the TX audio chain, which we know can be harmful for GMSK modulation. The radio's user manual does not have a schematic.

Normally, an analog radio that supports 9600 baud packet data will work with a GMSK modem in Hotspot service. It could be this radio is an exception.

Has anyone successfully used an Alinco with a GMSK modem, in particular, a DR-135? If yes, did you notice if the user message text being transmitted was accurate?

Jim - K6JM - <http://www.moencomm.com> www.moencomm.com

10017. RE: [gmsk_dv_node] Star*Board problem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-14 10:50:12 UTC
From: Fred PA4YBR
Topic: 10006 Message: 10017

No audio?

That smells like an RSSI setting mismatch in the firmware, which indeed
does cause TX to not work.

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of Robert Copelan
Sent: Sunday, April 14, 2013 1:57 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Star*Board problem

Jim, Niles, Ken and all.

I did check the jumpers and the settings. They do match including RSSI.
RSSI in the program shows full bars green. I set the radio's Menu 47
(Wid.Narr) to Narrow since it was on wide for previous tests.

When monitoring the hotspot radio's output on the 706 I don't hear any
digital info. only dead carrier. Did this several times and adjusted each
Pot through the range. (low, center, high). Sometimes the test program
locks up and has to be canceled. Sometimes not.

Might go dig out my FT8500 and see if it has any better luck.

On Sat, Apr 13, 2013 at 7:43 PM, R. Niles Vaught <nvaught@...>
wrote:

Robert,
try setting your ft-7800 to FM-N instead of FM

Niles
K4RNV

From: J. M. Moen <jim@...>
To: gmsk_dv_node@yahoogroups.com
Sent: Sat, April 13, 2013 6:30:38 PM
Subject: RE: [gmsk_dv_node] Star*Board problem

Robert,

I'd go into NAWinCFG and change the value of TX Invert. Once you find the
correct setting and are able to get some decoding on your D-Star radio, then
use NAWinTEST's Echo Test to *carefully* adjust the TX trim pot for optimal

decoding.

It's rare that the RX pot needs to be adjusted very carefully, but the TX pot is another story.

You are past this point, but for others starting out, take a look at my short FAQ at <http://www.k6jm.com/FAQtrblshoot.htm> http://www.k6jm.com/FAQtrblshoot.htm . In this, case, Question 5 tries to address this issue.

If TX Invert doesn't fix it, it's possible there's a mismatch between the jumper settings and the firmware settings. I document the Star*Board's recommended settings at <http://www.moencomm.com/SBsettings.htm> http://www.moencomm.com/SBsettings.htm . In particular, it's important that the SW4 be jumpered with the rightmost or pins 2+3, and the firmware's RSSI Report box be checked.

Jim - K6JM - <http://www.moencomm.com> www.moencomm.com

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of wb4dhc
Sent: Saturday, April 13, 2013 3:05 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Star*Board problem

I'm connecting the Star*Board that I just received to my FT-7800. The packet speed is confirmed to be 9600. In NAWinTest the RF Read test works fine (Green RF Header and line in RF Data) and is repeatable w/o problems.

However when I go into EchoTest and transmit with the ID-51 the board and radio show that they are receiving ("recording " in the program window) and then transmit for some seconds ("speaking callsign" in the program window) Radio keys briefly but no audio from the 51 OR from my 706 which is being used as a monitor. I adjusted both R1 and R36 w/o any noticeable change.

Any thoughts are appreciated.

Robert
WB4DHC

10018. RE: [gmsk_dv_node] Re: MHS - GM900 Strange behavior

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-14 10:53:00 UTC
From: Fred PA4YBR
Topic: 9986 Message: 10018

Bas,

Yeah, Italy is fun, but the olive trees here DID grow, and were in the way of our Wifi link to the neighbor's ADSL line :P

(no, we did NOT cut down the trees... we just moved our AP...)

Anyway.

Like I just wrote off-list, try resetting the EEPROM values, it smells like the values have been messed up. If that doesn't work, we'll work on a different solution.

--f

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of oeneightcibi
Sent: Sunday, April 14, 2013 10:10 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: MHS - GM900 Strange behavior

So, I received a beta firmware from Fred and after installing it the modem become unresponsive.
Sometimes it detects the header (YOUR/RPT 1/RPT 2/MY) but the "audio" part is no longer encoded/decoded.

Here is what I exactly wrote to Fred before he left for a trip:

"Something went wrong or I did something wrong. The board doesn't decode anything anymore... weirdo...
I pushed the .hex from my licensed firmware downloaded from your website and still the same behavior, no decoding at all.
Tried again pushing the new firmware (Dutch*Star NODE V0.1.31-02I (BETA) and no joy.
I changed the firmware several times and sometimes the board's LED are BLU-YELLOW-YELLOW-YELLOW static..."

And this is the second email I sent to Fred after some additional tests and attempts to resuscitate the GMSK board:

"he MHS doesn't work properly, as I wrote on my previous email, after having updated the firmware the modem is transmitting just the carrier.
Strange behavior is the fact that sometimes using NAWinTest the call is decoded but if I'm using the Echo Test, nothing is encoded/decoded, not the registered call, neither your voice/call nor the recorded message.
Most of the time the modem doesn't decode any kind of digital traffic.

I swapped several times between the "old" firmware I downloaded from my license page and the beta firmware but no results using both firmware, no decode/encode or if the call is detected no modulation is passing through.

I also did some hardware changes for troubleshooting purposes, like changing the cable, or installing the old simplex rig.
In very doubt I swapped the 1458 with a new one, thinking about the amplifier was broken... nothing..
I've used windows XP and windows 7, for programming the modem just Windows XP works, 7 doesn't."

Fred most probably is still not available so I'm asking to the group: do you have any idea?

Please note: I cannot provide a copy of the beta firmware as it is Fred's copyright and licensed to my call, so please don't ask.

Thanks.

Bas

--- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
, "Fred PA4YBR" <fred@...> wrote:
>
> Bas,
>
> This should work. However:
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> - make sure the board is set to (full) duplex mode; they are set to
> half duplex by default.
>
> - DV Node (aka WinDV as you know) is not 100% ok with fullduplex
> mode, for a number of reasons. On some systems it works just
> fine, on many others (like my own systems ;-) it does not.
>
> You can tell if it is caused by DV Node simply by keying up one of the
> IC92's. The second one will then start to receive, but, after about two
> seconds, it will start blipping and acting weird, with pausing in the
> received transmission, and so on. If this happens: sorry, DV Node will
> not do fullduplex on that PC, sorry.
>
> If that DOES work, OK, good, we have to look at the configuration of
> both the radios as well as DV Node - sending me a "bug report" from
> within the program (with logging enabled) would of course help.
>
> DV Node is being rewritten to using the Qt system, and that will fix the
> limitation described above. The current version uses VB6 for parts of
> the program, and VB6 just won't deal with it in this configuration...
>
> -fred
>
>
>

>
> _____
>
> From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
[mailto:gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
] On
> Behalf Of oeneightcibi
> Sent: Saturday, April 06, 2013 11:04 PM
> To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
> Subject: [gmsk_dv_node] MHS - GM900 Strange behavior
>
>
>
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> Good evening,
>
> I setup the following configuration:
> - 2x GM900 Motorola UHF version;
> - Dutch Star MHS "Blue" Version HSA V0.1.00F HSFIX
> - DV Node for Windows Version 1.5.5
> - 2x ICOM IC-92
>
> I'm using the radio ports DB-25 to feed the MHS and the power is provided
> via DB-9 port.
>
> DV Node is setup in the options with my registered call + B, AuthCall is
my
> call again, tag on Node Adapter, USB ID 0300, tag on Full Duplex automatic
> link to REF001C at the startup.
>
> When I'm starting the program, the two IC-92 are decoding the message
> "Gateway Linked" and if there is a QSO ongoing it is clearly decoded. The
> QSO is correctly broadcasted using the radio setup for TX.
>
> If I'm pushing the PTT of one of the two IC-92 the data is correctly
> received by the RX radio and decoded by the software displaying the CQCQCQ
> and the GATEWAY.
>
> If I join a QSO via TCP/IP it works perfectly and the counterparts could
> hear me "stereophonic" as one reported.
>
> Everything seems to be working good BUT If i'm trying to talk to the other
> IC-92 the communication, so using the repeater feature, the communication
is
> not passing through and the other IC-92 is just receiving the CARRIER not
> modulated neither digital nor analog.
>
> Any idea where is the issue and how to fix it?
>
> Cheers,

>
> Bas
>

10019. Re: [gmsk_dv_node] Has anyone used an Alinco 135 in a Hotspot?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-14 17:15:39 UTC
From: Dennis Rogers
Topic: 10007 Message: 10019

Yes. It works just fine with the Moen GMSK modem.
I run one for the past 2 yrs.

Dennis
Hint: get latest firmware from Jim as older versions needed the upgrade.

On Sat, Apr 13, 2013 at 5:18 PM, J. M. Moen <jim@...> wrote:

> **
>
>
> **
>
> I've been working with a Star*Board customer who was able to get his
> system to work with several analog radios. But when he hooked up to an
> Alinco DR-135, and after careful adjustment of the TX potentiometer, the
> text message being transmitted was nearly always garbled or with errors.
> He tried many different things, but the common element was that radio. He
> doesn't know if the particular radio is the problem, or perhaps the 135's
> design has some audio processing in the TX audio chain, which we know can
> be harmful for GMSK modulation. The radio's user manual does not have a
> schematic.
>
> Normally, an analog radio that supports 9600 baud packet data will work
> with a GMSK modem in Hotspot service. It could be this radio is an
> exception.
>
> Has anyone successfully used an Alinco with a GMSK modem, in particular,
> a DR-135? If yes, did you notice if the user message text being
> transmitted was accurate?
>
> Jim – K6JM – *www.moencomm.com* <http://www.moencomm.com>
>
>
>

--

Dennis, N5VRP
n5vrp.satx@...

10020. Re: Has anyone used an Alinco 135 in a Hotspot?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-14 19:07:34 UTC
From: Karen Tadevosyan
Topic: 10007 Message: 10020

We stopped to use Alinco DR-135 since AX.25 9600 bps time...

For 9K6 GMSK we got a high BER.

DR-135 Service Manual
http://files.radioscanner.ru/files/download/file2588/alinco_dr-135_service_manual.pdf

Karen, ra3apw

--- In gmsk_dv_node@yahoogroups.com, "J. M. Moen" <jim@...> wrote:
>
> I've been working with a Star*Board customer who was able to get his system
> to work with several analog radios. But when he hooked up to an Alinco
> DR-135, and after careful adjustment of the TX potentiometer, the text
> message being transmitted was nearly always garbled or with errors. He
> tried many different things, but the common element was that radio. He
> doesn't know if the particular radio is the problem, or perhaps the 135's
> design has some audio processing in the TX audio chain, which we know can be
> harmful for GMSK modulation. The radio's user manual does not have a
> schematic.
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> a GMSK modem in Hotspot service. It could be this radio is an exception.
>
> Has anyone successfully used an Alinco with a GMSK modem, in particular, a
> DR-135? If yes, did you notice if the user message text being transmitted
> was accurate?
>
> Jim - K6JM - www.moencomm.com
>

10021. WinDV lost some reflectors

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-14 19:09:43 UTC
From: wh6diq_richard_in_honolulu
Topic: 10021 Message: 10021

Aloha,

It has been a couple months since I used my dvap with windv. REF1C and several other quick tune selections work as they always have, but REF30C will not connect. I checked the configuration drop downs, and there is no REF30C (or quite a few others) to select.

Thoughts/experience?

73

wh6diq
Richard

10022. Re: [gmsk_dv_node] WinDV lost some reflectors

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-14 23:37:13 UTC
From: Bill
Topic: 10021 Message: 10022

Same here! But "DVAR Hotspot" works fine! ???

Regards,
Bill Pike
(from my mobile device)

On Apr 14, 2013, at 3:09 PM, "wh6diq_richard_in_honolulu" <wh6diq@...> wrote:

> Aloha,
>
> It has been a couple months since I used my dvap with windv. REF1C and several other quick tune selections work as they always have, but REF30C will not connect. I checked the configuration drop downs, and there is no REF30C (or quite a few others) to select.
>
> Thoughts/experience?
>
> 73
>
> wh6diq
> Richard
>
>

10023. Re: [gmsk_dv_node] WinDV lost some reflectors

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-15 00:10:45 UTC
From: john marinos
Topic: 10021 Message: 10023

Change the call sign server.
See if that helps

John
KN2GSP
----- Original Message -----
From: Bill
To: gmsk_dv_node@yahoogroups.com
Sent: Sunday, April 14, 2013 7:37 PM
Subject: Re: [gmsk_dv_node] WinDV lost some reflectors

Same here! But "DVAR Hotspot" works fine! ???

Regards,
Bill Pike
(from my mobile device)

On Apr 14, 2013, at 3:09 PM, "wh6diq_richard_in_honolulu" <wh6diq@...> wrote:

Aloha,

It has been a couple months since I used my dvap with windv. REF1C and several other quick tune selections work as they always have, but REF30C will not connect. I checked the configuration drop downs, and there is no REF30C (or quite a few others) to select.

Thoughts/experience?

73

wh6diq
Richard

10024. Re: [gmsk_dv_node] Has anyone used an Alinco 135 in a Hotspot?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-15 00:32:12 UTC
From: Jim Thisdale
Topic: 10007 Message: 10024

I think it depends on how old the radio is... If I remember correctly the older ones didn't do 9600.

-Jim- N1JMM, KB1YPL_B
Visit my Pi running ircddb, dvrptr, Apache & many other things:
http://n1jmm.no-ip.org

On 4/13/13 6:18 PM, J. M. Moen wrote:
>
>
> I?ve been working with a Star*Board customer who was able to get his system to work with several
> analog radios. But when he hooked up to an AlincoDR-135, and after careful adjustment of the TX
> potentiometer, the text message being transmitted was nearly always garbled or with errors. He
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> Jim ? K6JM ?_www.moencomm.com_<http://www.moencomm.com>
>

10025. Re: [gmsk_dv_node] WinDV lost some reflectors

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-15 00:48:44 UTC
From: Donald Jacob
Topic: 10021 Message: 10025

XRF030 is not showing up on the control center either.

Anyone else seeing this?

Don WB5EKU

On Sun, Apr 14, 2013 at 5:10 PM, john marinos <jm5478@...> wrote:

> **
>
>
> **
> Change the call sign server.
> See if that helps
>
>
> John
> KN2GSP
>
> ----- Original Message -----
> *From:* Bill <k2ilh@...>
> *To:* gmsk_dv_node@yahoogroups.com
> *Sent:* Sunday, April 14, 2013 7:37 PM
> *Subject:* Re: [gmsk_dv_node] WinDV lost some reflectors
>
>
>
> Same here! But "DVAR Hotspot" works fine! ???
>
> Regards,
> Bill Pike
> (from my mobile device)
>
> On Apr 14, 2013, at 3:09 PM, "wh6diq_richard_in_honolulu" <
> wh6diq@...> wrote:
>
>
>
> Aloha,
>
> It has been a couple months since I used my dvap with windv. REF1C and
> several other quick tune selections work as they always have, but REF30C
> will not connect. I checked the configuration drop downs, and there is no
> REF30C (or quite a few others) to select.
>
> Thoughts/experience?

>
> 73
>
> wh6diq
> Richard
>
>
>

10026. Re: [gmsk_dv_node] WinDV lost some reflectors

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-15 00:57:29 UTC
From: Dennis Rogers
Topic: 10021 Message: 10026

Try REF030C, REF001C, etc. Six characters are required.

73's

On Sun, Apr 14, 2013 at 2:09 PM, wh6diq_richard_in_honolulu <
wh6diq@...> wrote:

> **
>
>
> Aloha,
>
> It has been a couple months since I used my dvap with windv. REF1C and
> several other quick tune selections work as they always have, but REF30C
> will not connect. I checked the configuration drop downs, and there is no
> REF30C (or quite a few others) to select.
>
> Thoughts/experience?
>
> 73
>
> wh6diq
> Richard
>
>
>

--

Dennis, N5VRP
n5vrp.satx@...

10027. Re: [gmsk_dv_node] Re: Has anyone used an Alinco 135 in a Hotspot?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-15 01:03:28 UTC
From: Dennis Rogers
Topic: 10007 Message: 10027

I guess some don't read. I have been using one for 2 yrs without issues.
You have to adjust both the RX and TX levels on the GMSK mode with
the NAtools before using it and have Jim's latest firmware.

Most think that all ham gear works out of the box. Not true.

I use an Alinco DR135mkIII radio works just fine.

On Sun, Apr 14, 2013 at 2:07 PM, Karen Tadevosyan <ra3apw@mail.ru> wrote:

> **
>
>
>
>
> We stopped to use Alinco DR-135 since AX.25 9600 bps time...
>
> For 9K6 GMSK we got a high BER.
>
> DR-135 Service Manual
>
> http://files.radioscanner.ru/files/download/file2588/alinco_dr-135_service_manual.pdf
>
> Karen, ra3apw
>
>
> --- In gmsk_dv_node@yahoogroups.com, "J. M. Moen" <jim@...> wrote:
> >
> > I've been working with a Star*Board customer who was able to get his
> system
> > to work with several analog radios. But when he hooked up to an Alinco
> > DR-135, and after careful adjustment of the TX potentiometer, the text
> > message being transmitted was nearly always garbled or with errors. He
> > tried many different things, but the common element was that radio. He
> > doesn't know if the particular radio is the problem, or perhaps the 135's
> > design has some audio processing in the TX audio chain, which we know
> can be
> > harmful for GMSK modulation. The radio's user manual does not have a
> > schematic.
> >
> > Normally, an analog radio that supports 9600 baud packet data will work
> with
> > a GMSK modem in Hotspot service. It could be this radio is an exception.
> >
> > Has anyone successfully used an Alinco with a GMSK modem, in particular,
> a

> > DR-135? If yes, did you notice if the user message text being transmitted
> > was accurate?
> >
> > Jim - K6JM - www.moencomm.com
> >
>
>
>

--

Dennis, N5VRP
n5vrp.satx@...

10028. Re: [gmsk_dv_node] WinDV lost some reflectors

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-15 01:53:25 UTC
From: Donald Jacob
Topic: 10021 Message: 10028

sorry, I didn't read properly, I mistook it for the XREF .
REF030 is reporting on the CCS

WB5EKU

On Sun, Apr 14, 2013 at 5:57 PM, Dennis Rogers <n5vrp.satx@...> wrote:

> **
>
>
> Try REF030C, REF001C, etc. Six characters are required.
>
> 73's
>
>
> On Sun, Apr 14, 2013 at 2:09 PM, wh6diq_richard_in_honolulu <
> wh6diq@...> wrote:
>
>> **
>>
>>
>> Aloha,
>>
>> It has been a couple months since I used my dvap with windv. REF1C and
>> several other quick tune selections work as they always have, but REF30C
>> will not connect. I checked the configuration drop downs, and there is no
>> REF30C (or quite a few others) to select.
>>
>> Thoughts/experience?
>>
>> 73
>>
>> wh6diq
>> Richard
>>
>>
>
>
> --
>
> Dennis, N5VRP
> n5vrp.satx@...
>
>
>

10029. Re: WinDV lost some reflectors

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-15 02:03:58 UTC
From: wh6diq_richard_in_honolulu
Topic: 10021 Message: 10029

In WinDV you do not "enter" the characters...you must select from drop down list. As I stated, REF (000)1C IS working in WinDV. I can also connect to REF 30C using the DVAP tool, but of course with that you select the URCALL from your radio memories or by entering directly in the radio. It is only the WinDV which is not fully functioning, which sucks because it is much nicer to have the "Quick Tune" buttons to easily switch between different reflectors/repeaters.

73

wh6diq
Richard

--- In gmsk_dv_node@yahoogroups.com, Dennis Rogers <n5vrp.satx@...> wrote:
>
> Try REF030C, REF001C, etc. Six characters are required.
>
> 73's
>
>
> On Sun, Apr 14, 2013 at 2:09 PM, wh6diq_richard_in_honolulu <
> wh6diq@...> wrote:
>
> > **
> > >
> > >
> > > Aloha,
> > >
> > > It has been a couple months since I used my dvap with windv. REF1C and
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> > > REF30C (or quite a few others) to select.
> > >
> > > Thoughts/experience?
> > >
> > > 73
> > >
> > > wh6diq
> > > Richard
> > >
> > >
> > >
> >
> >
> >
> > --
> >

> Dennis, N5VRP
> n5vrp.satx@...
>

10030. RE: [gmsk_dv_node] Re: WinDV lost some reflectors

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-15 02:52:58 UTC
From: J. M. Moen
Topic: 10021 Message: 10030

WinDV provides full support of the DPLus Link and Unlink commands, meaning you can program up your D-Star radio with a bunch of memories and link and unlink via RF. You don't have to use the WinDV Gateway window with its drop-down listbox, or its QuickTune buttons, though I prefer those when I'm in the shack next to the computer.

I just checked WinDV from this location and, like Richard, I can't get to REF030C using WinDV. It doesn't work using Configure, and it doesn't work using a link command over RF (UR=REF030CL). In fact, using Configure, the drop-down box shows only REF001 through REF004 plus REF017 and REF117. I don't have a special dphosts.txt file set up on that PC.

REF030C is accessible for me via DVAR, which is configured to use the DUTCH*Star NLroot callsign server. But for some reason, WinDV's list of available DPlus reflectors (and internally, their IP addresses) is limited right now. I'm guessing Fred will know the fix, or reboot the DUTCH*Star NLroot callsign server or something, and all will be well again.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of wh6diq_richard_in_honolulu
Sent: Sunday, April 14, 2013 7:04 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: WinDV lost some reflectors
In WinDV you do not "enter" the characters...you must select from drop down list. As I stated, REF (000)1C IS working in WinDV. I can also connect to REF 30C using the DVAP tool, but of course with that you select the URCALL from your radio memories or by entering directly in the radio. It is only the WinDV which is not fully functioning, which sucks because it is much nicer to have the "Quick Tune" buttons to easily switch between different reflectors/repeaters.

73

wh6diq
Richard

10031. Re: [gmsk_dv_node] Re: WinDV lost some reflectors

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-15 02:59:48 UTC
From: Rudy Benner
Topic: 10021 Message: 10031

Its working here. Can connect to REF030C just fine.
Using the Freestar server.

ve3bdr

From: J. M. Moen
Sent: Sunday, April 14, 2013 10:52 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: WinDV lost some reflectors

WinDV provides full support of the DPLus Link and Unlink commands, meaning you can program up your D-Star radio with a bunch of memories and link and unlink via RF. You don’t have to use the WinDV Gateway window with its drop-down listbox, or its QuickTune buttons, though I prefer those when I’m in the shack next to the computer.

I just checked WinDV from this location and, like Richard, I can’t get to REF030C using WinDV. It doesn’t work using Configure, and it doesn’t work using a link command over RF (UR=REF030CL). In fact, using Configure, the drop-down box shows only REF001 through REF004 plus REF017 and REF117. I don’t have a special dphosts.txt file set up on that PC.

REF030C is accessible for me via DVAR, which is configured to use the DUTCH*Star NLroot callsign server. But for some reason, WinDV’s list of available DPlus reflectors (and internally, their IP addresses) is limited right now. I’m guessing Fred will know the fix, or reboot the DUTCH*Star NLroot callsign server or something, and all will be well again.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of wh6diq_richard_in_honolulu
Sent: Sunday, April 14, 2013 7:04 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: WinDV lost some reflectors

In WinDV you do not "enter" the characters...you must select from drop down list. As I stated, REF (000)1C IS working in WinDV. I can also connect to REF 30C using the DVAP tool, but of course with that you select the URCALL from your radio memories or by entering directly in the radio. It is only the WinDV which is not fully functioning, which sucks because it is much nicer to have the "Quick Tune" buttons to easily switch between different reflectors/repeaters.

73

wh6diq
Richard

10032. Re: [gmsk_dv_node] Re: WinDV lost some reflectors

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-15 05:05:57 UTC
From: Tim Tucker
Topic: 10021 Message: 10032

I changed my callsign server to the FreeStar server several months ago. It seems to keep up with the IP address changes more actively than Fred's callsign server.

On Sun, Apr 14, 2013 at 7:59 PM, Rudy Benner <rudy@vianet.ca> wrote:

> **
>
>
> Its working here. Can connect to REF030C just fine.
> Using the Freestar server.
>
> ve3bdr
>
> *From:* J. M. Moen <jim@k6jm.com>
> *Sent:* Sunday, April 14, 2013 10:52 PM
> *To:* gmsk_dv_node@yahoogroups.com
> *Subject:* RE: [gmsk_dv_node] Re: WinDV lost some reflectors
>
>
>
> WinDV provides full support of the DPLus Link and Unlink commands, meaning
> you can program up your D-Star radio with a bunch of memories and link and
> unlink via RF. You don’t have to use the WinDV Gateway window with its
> drop-down listbox, or its QuickTune buttons, though I prefer those when
> I’m in the shack next to the computer.
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> REF030C using WinDV. It doesn’t work using Configure, and it doesn’t
> work using a link command over RF (UR=REF030CL). In fact, using Configure,
> the drop-down box shows only REF001 through REF004 plus REF017 and REF117.
> I don’t have a special dphosts.txt file set up on that PC.
>
> REF030C is accessible for me via DVAR, which is configured to use the
> DUTCH*Star NLroot callsign server. But for some reason, WinDV’s list of
> available DPlus reflectors (and internally, their IP addresses) is limited
> right now. I’m guessing Fred will know the fix, or reboot the DUTCH*Star
> NLroot callsign server or something, and all will be well again.
>
> Jim – K6JM
>
> ***From:* gmsk_dv_node@yahoogroups.com [
> mailto:gmsk_dv_node@yahoogroups.com <gmsk_dv_node@yahoogroups.com>]*** On
> Behalf Of* wh6diq_richard_in_honolulu
> ***Sent:* Sunday, April 14, 2013 7:04 PM

> ***To:* gmsk_dv_node@yahoogroups.com
> ***Subject:* [gmsk_dv_node] Re: WinDV lost some reflectors
>
> In WinDV you do not "enter" the characters...you must select from drop
> down list. As I stated, REF (000)1C IS working in WinDV. I can also connect
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> URCALL from your radio memories or by entering directly in the radio. It is
> only the WinDV which is not fully functioning, which sucks because it is
> much nicer to have the "Quick Tune" buttons to easily switch between
> different reflectors/repeaters.
>
> 73
>
> wh6diq
> Richard
>
>
>

10033. RE: [gmsk_dv_node] WinDV lost some reflectors

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-15 08:01:38 UTC
From: Fred PA4YBR
Topic: 10021 Message: 10033

Server updated. Should be OK now.

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Bill
Sent: Monday, April 15, 2013 1:37 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] WinDV lost some reflectors

Same here! But "DVAR Hotspot" works fine! ???

Regards,
Bill Pike
(from my mobile device)

On Apr 14, 2013, at 3:09 PM, "wh6diq_richard_in_honolulu" <wh6diq@...> wrote:

Aloha,

It has been a couple months since I used my dvap with windv. REF1C and several other quick tune selections work as they always have, but REF30C will not connect. I checked the configuration drop downs, and there is no REF30C (or quite a few others) to select.

Thoughts/experience?

73

wh6diq
Richard

10034. Re: [gmsk_dv_node] Digest Number 1307

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-15 16:05:19 UTC
From: jim rosima
Topic: 10034 Message: 10034

i had same issue yesterday, was told by user they could not connect to ref14c.....so i came home tried it several time restarted system.....tried to connect to ref 14c ....no good.....but it would connect to some of other reflectors.....i switched it to free , and aa4rc call sign server and all is working, but when i went back to dutch server it would not connect.

any way it's all working on aa4rc server.

Thank You
Jim Rosima KD7DPW
WADG - Chairman
IRLP #3058 444.775 (+) PL. 100.0
775-229-1182
kd7dpw@...m
ARES/RACES Emergency Communication Radio Operator
FCC Official Observer

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From: "gmsk_dv_node@yahoogroups.com" <gmsk_dv_node@...m>
To: gmsk_dv_node@yahoogroups.com
Sent: Monday, April 15, 2013 3:52 AM
Subject: [gmsk_dv_node] Digest Number 1307

D-STAR GMSK Simplex Nodes and Repeaters

D-STAR GMSK Simplex Nodes and Repeaters Group
3 New Messages
Digest #1307

1a
Re: WinDV lost some reflectors by "Rudy Benner" rudybenner
1b
Re: WinDV lost some reflectors by "Tim Tucker" tuckmeat
1c
Re: WinDV lost some reflectors by "Fred PA4YBR" dstar_dutch
Messages
1a
Re: WinDV lost some reflectors

Sun Apr 14, 2013 8:00 pm (PDT) . Posted by:
"Rudy Benner" rudybenner
Its working here. Can connect to REF030C just fine.
Using the Freestar server.

ve3bdr

From: J. M. Moen
Sent: Sunday, April 14, 2013 10:52 PM
To: gmsk_dv_node@ yahoogroups. com
Subject: RE: [gmsk_dv_node] Re: WinDV lost some reflectors

WinDV provides full support of the DPLus Link and Unlink commands, meaning you can program up your D-Star radio with a bunch of memories and link and unlink via RF. You donâ€™t have to use the WinDV Gateway window with its drop-down listbox, or its QuickTune buttons, though I prefer those when Iâ€™m in the shack next to the computer.

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Jim â€“ K6JM

From: gmsk_dv_node@ yahoogroups. com [mailto:gmsk_dv_node@ yahoogroups. com] On Behalf Of wh6diq_richard_ in_honolulu
Sent: Sunday, April 14, 2013 7:04 PM
To: gmsk_dv_node@ yahoogroups. com
Subject: [gmsk_dv_node] Re: WinDV lost some reflectors

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73

wh6diq
Richard

Reply to sender . Reply to group . Reply via Web Post . All Messages (11) . Top ^
1b
Re: WinDV lost some reflectors
Sun Apr 14, 2013 10:05 pm (PDT) . Posted by:
"Tim Tucker" tuckmeat

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On Sun, Apr 14, 2013 at 7:59 PM, Rudy Benner <rudy@vianet. ca> wrote:

> **
>
>
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> Using the Freestar server.
>
> ve3bdr
>
> *From:* J. M. Moen <jim@...>
> *Sent:* Sunday, April 14, 2013 10:52 PM
> *To:* gmsk_dv_node@ yahoogroups. com
> *Subject:* RE: [gmsk_dv_node] Re: WinDV lost some reflectors
>
>
>
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>
> ***From:* gmsk_dv_node@ yahoogroups. com [
> mailto:gmsk_dv_node@ yahoogroups. com <gmsk_dv_node@ yahoogroups. com>]*** On
> Behalf Of* wh6diq_richard_ in_honolulu
> ***Sent:* Sunday, April 14, 2013 7:04 PM
> ***To:* gmsk_dv_node@ yahoogroups. com
> ***Subject:* [gmsk_dv_node] Re: WinDV lost some reflectors
>
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> 73
>
> wh6diq
> Richard
>
>
>

Reply to sender . Reply to group . Reply via Web Post . All Messages (11) . Top ^
1c
Re: WinDV lost some reflectors
Mon Apr 15, 2013 1:01 am (PDT) . Posted by:
"Fred PA4YBR" dstar_dutch
Server updated. Should be OK now.

--fred

_____

From: gmsk_dv_node@ yahoogroups. com [mailto:gmsk_dv_node@ yahoogroups. com] On
Behalf Of Bill
Sent: Monday, April 15, 2013 1:37 AM
To: gmsk_dv_node@ yahoogroups. com
Subject: Re: [gmsk_dv_node] WinDV lost some reflectors

Same here! But "DVAR Hotspot" works fine! ???

Regards,
Bill Pike
(from my mobile device)

On Apr 14, 2013, at 3:09 PM, "wh6diq_ richard_in_ honolulu"
<wh6diq@hawaii. rr.com> wrote:

Aloha,

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REF30C (or quite a few others) to select.

Thoughts/experience ?

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wh6diq
Richard

Reply to sender . Reply to group . Reply via Web Post . All Messages (11) . Top ^
Visit Your Group
>
View All Topics
>
Create New Topic
>
9 New Members
>
We are making changes based on your feedback, Thank you !
Submit Feedback
>
The Yahoo! Groups Product Blog
Check it out!
>

CHANGE SETTINGS
>
TERMS OF USE
>
UNSUBSCRIBE
>

10035. Re: WinDV lost some reflectors

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-15 16:33:24 UTC
From: wh6diq_richard_in_honolulu
Topic: 10021 Message: 10035

Mahalo!

--- In gmsk_dv_node@yahoogroups.com, "Fred PA4YBR" <fred@...> wrote:
>
> Server updated. Should be OK now.
>
> --fred
>
> _____
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
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> Sent: Monday, April 15, 2013 1:37 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: Re: [gmsk_dv_node] WinDV lost some reflectors
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> 73
>
> wh6diq

> Richard
>

10036. (no subject)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-15 17:33:33 UTC
From: jim rosima
Topic: 10036 Message: 10036

i had same issue yesterday, was told by user they could not connect to ref14c.....so i came home tried it several time restarted system.....tried to connect to ref 14c ....no good.....but it would connect to some of other reflectors.....i switched it to free , and aa4rc call sign server and all is working, but when i went back to dutch server it would not connect.
any way it's all working on aa4rc server.

Thank You
Jim Rosima KD7DPW
WADG - Chairman
IRLP #3058 444.775 (+) PL. 100.0
775-229-1182
kd7dpw@yahoo.com
ARES/RACES Emergency Communication Radio Operator
FCC Official Observer

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10037. HP5710 as dedicated hotspot computer

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-16 12:57:08 UTC
From: B
Topic: 10037 Message: 10037

I'd like to move my hotspot to a dedicated PC (Hp5710)running WinDV under a Linux OS such as DSLinux. Has anyone done this?

10038. RE: [gmsk_dv_node] HP5710 as dedicated hotspot computer

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-17 02:42:04 UTC
From: J. M. Moen
Topic: 10037 Message: 10038

Fred can give you the definitive answer, but DV Node for Windows, commonly called WinDV, was written to run under Windows. Fred has threatened to convert it to run on other platforms, such as Linux, but I as far as I know, that hasn't happened yet.

Also, I don't think anyone has gotten these real-time programs like WinDV and DVAR to function properly under Windows simulators on Linux (like Wine).

Currently on Linux, you have the option of running G4KLX's GMSKRepeater with ircDDBGateway. As I understand it, Scott KI4LKF's programs are now being managed by Ramesh VA3UV as part of his FreeStar system and can also be installed on Linux.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of B
Sent: Tuesday, April 16, 2013 5:57 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] HP5710 as dedicated hotspot computer
I'd like to move my hotspot to a dedicated PC (Hp5710)running WinDV under a Linux OS such as DSLinux. Has anyone done this?

10039. Daughter board GMSK modem for Raspberry PI

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-21 16:42:42 UTC
From: mark_w6sat
Topic: 10039 Message: 10039

Good morning all.

At our monthly luncheon yesterday Jim (KI6ZUM) introduced a project he has been working on. Its a daughter board GMSK modem for the Rasp Pi.

Software is still being developed for this but its looks very promising.

http://www.ki6zum.com/index.html

73

Ted
W6SAT

10040. Re: Daughter board GMSK modem for Raspberry PI

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-22 18:50:23 UTC
From: on4top
Topic: 10039 Message: 10040

Looking cool .. just don't get the 6$ BOM price ..
As you don't even have a CMX589 chip from CML for that amount ..

73
Tom
ON4TOP

--- In gmsk_dv_node@yahoogroups.com, "mark_w6sat" <desertman@...> wrote:
>
> Good morning all.
>
> At our monthly luncheon yesterday Jim (KI6ZUM) introduced a project he has been working on. Its a daughter board GMSK modem for the Rasp Pi.
>
> Software is still being developed for this but its looks very promising.
>
> http://www.ki6zum.com/index.html
>
> 73
>
> Ted
> W6SAT
>

10041. Dutch Star Hotspot connectivity issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-23 14:13:45 UTC
From: vortex_ia
Topic: 10041 Message: 10041

The Dutch Star server is missing most of the relectors. I switched my hotspot to the AA4RC server and everything works fine.

73's
--
Joe
KC2ZKI

10042. RE: [gmsk_dv_node] Dutch Star Hotspot connectivity issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-23 14:16:46 UTC
From: Fred PA4YBR
Topic: 10041 Message: 10042

Hi,

And exactly to fix that, I am updating the software that "does" that :P

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of vortex_ia
Sent: Tuesday, April 23, 2013 4:14 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Dutch Star Hotspot connectivity issue

The Dutch Star server is missing most of the relectors. I switched my hotspot to the AA4RC server and everything works fine.

73's
--
Joe
KC2ZKI

10044. No tx audio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-24 08:06:20 UTC
From: oh4ea@...
Topic: 10044 Message: 10044

Hi All,

I have a problem that no one can not head my audio.
With NaWinTest tool echo works fine. I am using Star Board and WinDV software - Icom ID880 and IC-E92D radios.

Could I have some advice ?

73

Vesa OH4EA

10045. Re: No tx audio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-24 15:31:05 UTC
From: rayharden@...
Topic: 10044 Message: 10045

NAWinCFG >> Mode Settings >> Check these three [CRC Check] [Last Frame] [RSSI Report]

I suspect you may be missing RSSI Report.

7 3 W0RAY

--- In gmsk_dv_node@yahoogroups.com, oh4ea@... wrote:
>
> Hi All,
>
> I have a problem that no one can not head my audio.
> With NaWinTest tool echo works fine. I am using Star Board and WinDV software - Icom ID880 and IC-E92D radios.
>
> Could I have some advice ?
>
> 73
>
> Vesa OH4EA
>

10046. RE: [gmsk_dv_node] No tx audio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-24 16:15:30 UTC
From: J. M. Moen
Topic: 10044 Message: 10046

Is this happening when you have connected to a repeater or reflector, and you can hear them, but they can't hear you?

If you are using DPlus for the connection (Gateway Selection window), this could be an authentication problem. In WinDV's Tool/Options window, make sure AuthCall refers to a terminal that's been set up on an ICOM G2 repeater/gateway. I see from http://dstar.info/query.html that OH4EA has 4 terminals (one with blank initial, plus A, M and P. Hopefully you are using one of those.

In addition, the hotspot's Callsign plus initial must also be a registered terminal. That is, if you called your hotspot "OH4EA C" - you'd fail authentication since that isn't a registered terminal in the G2 database. The solution would be to register that as a terminal and wait a few hours for the update to propagate throughout the network.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of oh4ea@...
Sent: Wednesday, April 24, 2013 1:06 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] No tx audio
Hi All,

I have a problem that no one can not head my audio.
With NaWinTest tool echo works fine. I am using Star Board and WinDV software - Icom ID880 and IC-E92D radios.

Could I have some advice ?

73

Vesa OH4EA

10047. Re: No tx audio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-24 21:04:59 UTC
From: oh4ea@...
Topic: 10044 Message: 10047

Yes, I can hear them but they can't hear me.
I use DPlus connection. Callsigns are: OH4EA A for hotspot, AuthCall OH4EA and OH4EA P for IC-E92D. WinDV version now 1.5.5 / Win XP Pro SP3

As I understood all should be ok.

Erik, OH2LAK was trying my hotspot last summer with same result.

Any other advises ?

Tnx & 73 Vesa OH4EA

--- In gmsk_dv_node@yahoogroups.com, "J. M. Moen" <jim@...> wrote:
>
> Is this happening when you have connected to a repeater or reflector, and
> you can hear them, but they can't hear you?
>
> If you are using DPlus for the connection (Gateway Selection window), this
> could be an authentication problem. In WinDV's Tool/Options window, make
> sure AuthCall refers to a terminal that's been set up on an ICOM G2
> repeater/gateway. I see from http://dstar.info/query.html that OH4EA has 4
> terminals (one with blank initial, plus A, M and P. Hopefully you are using
> one of those.
>
> In addition, the hotspot's Callsign plus initial must also be a registered
> terminal. That is, if you called your hotspot "OH4EA C" - you'd fail
> authentication since that isn't a registered terminal in the G2 database.
> The solution would be to register that as a terminal and wait a few hours
> for the update to propagate throughout the network.
>
> Jim - K6JM
>
>
>
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of oh4ea@...
> Sent: Wednesday, April 24, 2013 1:06 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] No tx audio
> Hi All,
>
> I have a problem that no one can not head my audio.
> With NaWinTest tool echo works fine. I am using Star Board and WinDV
> software - Icom ID880 and IC-E92D radios.
>

> Could I have some advice ?
>
> 73
>
> Vesa OH4EA
>

10048. RE: [gmsk_dv_node] Re: No tx audio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-24 22:41:05 UTC
From: J. M. Moen
Topic: 10044 Message: 10048

Yes, it seems like you've done all the correct things, and DPlus should allow you to connect with full read/write authentication.

You might enable WinDV's logging, set the logging level to a high number, make the connection, then go to Help and Report a Problem. Fred might be able to see something in the log that will identify the problem.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of oh4ea@...
Sent: Wednesday, April 24, 2013 2:05 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: No tx audio
Yes, I can hear them but they can't hear me.
I use DPlus connection. Callsigns are: OH4EA A for hotspot, AuthCall OH4EA and OH4EA P for IC-E92D. WinDV version now 1.5.5 / Win XP Pro SP3

As I understood all should be ok.

Erik, OH2LAK was trying my hotspot last summer with same result.

Any other advises ?

Tnx & 73 Vesa OH4EA

10049. Re: No tx audio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-25 06:08:58 UTC
From: oh4ea@...
Topic: 10044 Message: 10049

Problem reported. Log file shows:

0425053955 AuthRF: no access list found.
0425053955 AuthLINK: no access list found.

Is this the reason for problem ?

73 & TNX,

Vesa OH4EA

--- In gmsk_dv_node@yahoogroups.com, "J. M. Moen" <jim@...> wrote:
>
> Yes, it seems like you've done all the correct things, and DPlus should
> allow you to connect with full read/write authentication.
>
> You might enable WinDV's logging, set the logging level to a high number,
> make the connection, then go to Help and Report a Problem. Fred might be
> able to see something in the log that will identify the problem.
>
> Jim - K6JM
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of oh4ea@...
> Sent: Wednesday, April 24, 2013 2:05 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Re: No tx audio
> Yes, I can hear them but they can't hear me.
> I use DPlus connection. Callsigns are: OH4EA A for hotspot, AuthCall OH4EA
> and OH4EA P for IC-E92D. WinDV version now 1.5.5 / Win XP Pro SP3
>
> As I understood all should be ok.
>
> Erik, OH2LAK was trying my hotspot last summer with same result.
>
> Any other advises ?
>
> Tnx & 73 Vesa OH4EA
>

10050. RE: [gmsk_dv_node] Re: No tx audio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-25 08:02:20 UTC
From: Fred PA4YBR
Topic: 10044 Message: 10050

Vesa,

> Start RF stream (4823) mycall='OH4EA P' urcall='REF001CL' rptr1='DIRECT'
rptr2='DIRECT' flags=00
> RF command 'REF001CL' from OH4EA P : TRYING REF001 C
> Trying 'REF001 C' using DPlus (OH4EA) mode 2
> Connected to 'REF001 C' using DPlus
That works.

> Start GW stream (C634) mycall='G1IMM' urcall='CQCQCQ' rptr1='REF001 C'
rptr2='GB7PI G' flags=00
> End GW stream (C634) 293 packets
OK, we get data from the network, too... good.

> Start RF stream (6784) mycall='OH4EA P' urcall='CQCQCQ' rptr1='DIRECT'
rptr2='DIRECT' flags=00
> End RF stream (6784) 345 packets
Looks good. But see below.

> Start RF stream (4AE1) mycall='OH4EA P' urcall='OH4EA A' rptr1='DIRECT'
rptr2='DIRECT' flags=00
> Routing for 'OH4EA A' failed: CALLSIGN UNKNOWN !
That doesn't work... it will try to route to the station in URCALL, and
you have no routing enabled.

So, even though everything LOOKS like it is OK, it is not... the
calsign you are using in the D-STAR radio (OH4EA P) is incorrect:
it is too short. The "P" should be in the 8th position, not in the
7th, which it is now...

Fixing that will probably get things to work.

--fred

10051. "Rules" for D-Plus linking

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-25 16:59:23 UTC
From: J. M. Moen
Topic: 10051 Message: 10051

I should have seen that. Whether we are D-Star veterans or new to this technology, it's good to remind ourselves what the "rules" are when using D-Plus to link to repeaters and reflectors:

Simple version:
* Band module goes in 8th position (URCall below)
* URCall D-Plus command goes in 8th position, any band module in 7th
* All callsigns used with D-Plus must be registered at a G2 repeater/gateway (MyCall, Hotspot's callsign, AuthCall)

More details are attached. A common "gotcha" is URCall when specifying a linking command to a repeater with a short callsign - the band module goes in position 7 and the L is in the 8th.

Jim - K6JM

Details:
* When entering a callsign into our radios or hotspot software, if there's a "band module" or "initial" letter, put enough spaces so the band module goes in the 8th position. Example: "PY1ABC.B" with 1 space (shown as dot in the example or "W1AB.C"). Note: this rule applies to MyCall, RPT1, RPT2, and even the D-Plus AuthCall or Login callsign.
* When entering a D-Plus command into URCall, the command letter (for example "L" for the Link command) must go in the 8th position. In this case, any band module goes in the 7th position. Examples: "REF001CL" to link to Reflector 1C; "W6CX..CL" with 2 spaces so band module C is in 7th position, "...U" with 7 spaces so the Unlink command goes in the 8th position.
* Three types of callsigns with any band module letters must be registered as terminals in the G2 database (see below) when using D-Plus. Specifically:
o For your hotspot or repeater, the node's callsign plus any band module
o The "AuthCall" or D-Plus "Login" callsign
o Your D-Star radio's "MyCall"

Some quick ways to check if all of the above are registered terminals:
* Log onto your DUTCH*Star account at http://www.dutch-star.eu/my/login.aspx , click Network, then DPNS
* http://dstar.info/query.html

Quick instructions on how to set up terminals on a G2 repeater/gateway: http://www.k6jm.com/hs-setup.htm

Detailed instructions: http://www.dstargateway.org/D-Star_Registration.html

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Fred PA4YBR
Sent: Thursday, April 25, 2013 1:02 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: No tx audio

Vesa,

> Start RF stream (4823) mycall='OH4EA P' urcall='REF001CL' rptr1='DIRECT' rptr2='DIRECT' flags=00
> RF command 'REF001CL' from OH4EA P : TRYING REF001 C
> Trying 'REF001 C' using DPlus (OH4EA) mode 2
> Connected to 'REF001 C' using DPlus
That works.

> Start GW stream (C634) mycall='G1IMM' urcall='CQCQCQ' rptr1='REF001 C' rptr2='GB7PI G' flags=00
> End GW stream (C634) 293 packets
OK, we get data from the network, too... good.

> Start RF stream (6784) mycall='OH4EA P' urcall='CQCQCQ' rptr1='DIRECT' rptr2='DIRECT' flags=00
> End RF stream (6784) 345 packets
Looks good. But see below.

> Start RF stream (4AE1) mycall='OH4EA P' urcall='OH4EA A' rptr1='DIRECT' rptr2='DIRECT' flags=00
> Routing for 'OH4EA A' failed: CALLSIGN UNKNOWN !
That doesn't work... it will try to route to the station in URCALL, and you have no routing enabled.

So, even though everything LOOKS like it is OK, it is not... the calsign you are using in the D-STAR radio (OH4EA P) is incorrect: it is too short. The "P" should be in the 8th position, not in the 7th, which it is now...

Fixing that will probably get things to work.

--fred

10052. Re: No tx audio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-25 20:11:02 UTC
From: oh4ea@...
Topic: 10044 Message: 10052

Great now it works ! Problem was compatibility issue with
operators operating system and Icom user interface...
I will remember now that initial P, M, etc should be in 8th position.

Thank you Fred and others who was giving advices.

73 Vesa OH4EA

--- In gmsk_dv_node@yahoogroups.com, "Fred PA4YBR" <fred@...> wrote:
>
> Vesa,
>
> > Start RF stream (4823) mycall='OH4EA P' urcall='REF001CL' rptr1='DIRECT'
> rptr2='DIRECT' flags=00
> > RF command 'REF001CL' from OH4EA P : TRYING REF001 C
> > Trying 'REF001 C' using DPlus (OH4EA) mode 2
> > Connected to 'REF001 C' using DPlus
> That works.
>
> > Start GW stream (C634) mycall='G1IMM' urcall='CQCQCQ' rptr1='REF001 C'
> rptr2='GB7PI G' flags=00
> > End GW stream (C634) 293 packets
> OK, we get data from the network, too... good.
>
> > Start RF stream (6784) mycall='OH4EA P' urcall='CQCQCQ' rptr1='DIRECT'
> rptr2='DIRECT' flags=00
> > End RF stream (6784) 345 packets
> Looks good. But see below.
>
> > Start RF stream (4AE1) mycall='OH4EA P' urcall='OH4EA A' rptr1='DIRECT'
> rptr2='DIRECT' flags=00
> > Routing for 'OH4EA A' failed: CALLSIGN UNKNOWN !
> That doesn't work... it will try to route to the station in URCALL, and
> you have no routing enabled.
>
> So, even though everything LOOKS like it is OK, it is not... the
> calsign you are using in the D-STAR radio (OH4EA P) is incorrect:
> it is too short. The "P" should be in the 8th position, not in the
> 7th, which it is now...
>
> Fixing that will probably get things to work.
>
> --fred
>

10053. WinDV "Doubling with..." issue after reflector disconnect?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-26 17:07:31 UTC
From: Tim Tucker
Topic: 10053 Message: 10053

I have an issue that I can routinely reproduce on my WinDV based repeater. Essentially, the problem is that when someone initiates a Link to a busy reflector (REF001 C, for example) using an RF command (REF001CL, in this example), then talks for a while, then disconnects the link using RF (REF001CU), WinDV still seems to be partially connected. The symptom is that even though no TX is coming out of the repeater, WinDV keeps reporting "doubling with XXXX" on the screen, causing all local repeater usage to be halted until WinDV is restarted.

I'm not sure if I explained the problem very well, but I can reproduce it almost at will. Has anyone else ever seen this problem? It's become annoying enough that I've even seriously considered switch to the G4KLX software to resolve the issue.

Tim

10054. Re: [gmsk_dv_node] WinDV "Doubling with..." issue after reflector disconnect?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-26 23:53:24 UTC
From: Laurence Mathews
Topic: 10053 Message: 10054

To unlink all that is required is U only in position 8 of ur field. 001 as well in front, will not work.This applies to all reflectors and gateways on Dplus
Laurie ZL1ICU

--- On Sat, 27/4/13, Tim Tucker <tuckert@email.com> wrote:

From: Tim Tucker <tuckert@...>
Subject: [gmsk_dv_node] WinDV "Doubling with..." issue after reflector disconnect?
To: gmsk_dv_node@yahoogroups.com
Date: Saturday, 27, April, 2013, 5:07 AM

I have an issue that I can routinely reproduce on my WinDV based repeater. Essentially, the problem is that when someone initiates a Link to a busy reflector (REF001 C, for example) using an RF command (REF001CL, in this example), then talks for a while, then disconnects the link using RF (REF001CU), WinDV still seems to be partially connected. The symptom is that even though no TX is coming out of the repeater, WinDV keeps reporting "doubling with XXXX" on the screen, causing all local repeater usage to be halted until WinDV is restarted.

I'm not sure if I explained the problem very well, but I can reproduce it almost at will. Has anyone else ever seen this problem? It's become annoying enough that I've even seriously considered switch to the G4KLX software to resolve the issue.

Tim

10055. Re: [gmsk_dv_node] WinDV "Doubling with..." issue after reflector disconnect?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-27 00:05:36 UTC
From: Tim Tucker
Topic: 10053 Message: 10055

Sorry, that was just a typo below. The unlink command is given properly
and WinDV is replying with "unlinking..." The application shows that it
unlinked and it ceases to transmit anything from the reflector. HOWEVER,
every time someone keys the repeater afterward, WinDV shows "Doubling with
XXXX" and it doesn't allow the station trying to use the repeater to to
access it, nor does it relay his transmission.

Hope that helps explain the problem a little more clearly.

On Fri, Apr 26, 2013 at 4:53 PM, Laurence Mathews <squirrels@...>wrote:

> **
>
>
> To unlink all that is required is U only in position 8 of ur field. 001
> as well in front, will not work.This applies to all reflectors and gateways
> on Dplus
> Laurie ZL1ICU
>
> --- On *Sat, 27/4/13, Tim Tucker <tuckert@...>* wrote:
>
>
> From: Tim Tucker <tuckert@...>
> Subject: [gmsk_dv_node] WinDV "Doubling with..." issue after reflector
> disconnect?
> To: gmsk_dv_node@yahoogroups.com
> Date: Saturday, 27, April, 2013, 5:07 AM
>
>
>
>
> I have an issue that I can routinely reproduce on my WinDV based
> repeater. Essentially, the problem is that when someone initiates a Link
> to a busy reflector (REF001 C, for example) using an RF command (REF001CL,
> in this example), then talks for a while, then disconnects the link using
> RF (REF001CU), WinDV still seems to be partially connected. The symptom is
> that even though no TX is coming out of the repeater, WinDV keeps reporting
> "doubling with XXXX" on the screen, causing all local repeater usage to be
> halted until WinDV is restarted.
>
> I'm not sure if I explained the problem very well, but I can reproduce it
> almost at will. Has anyone else ever seen this problem? It's become
> annoying enough that I've even seriously considered switch to the G4KLX
> software to resolve the issue.

>
> Tim
>
>
>

10056. RE: [gmsk_dv_node] WinDV "Doubling with..." issue after reflector disconnect?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-27 01:31:10 UTC
From: J. M. Moen
Topic: 10053 Message: 10056

It's currently the middle of the night in the Netherlands, but I'm sure Fred will be able to help.

In the meantime, I suggest you enable logging at a high level, then get the repeater into that state (connected, talking, then disconnected and now getting the erroneous "doubling" error message), then go to Help/Report a Problem. This will send Fred info that may help in solving the problem.

What version of WinDV are you running?

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Tim Tucker
Sent: Friday, April 26, 2013 5:06 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] WinDV "Doubling with..." issue after reflector disconnect?
Sorry, that was just a typo below. The unlink command is given properly and WinDV is replying with "unlinking..." The application shows that it unlinked and it ceases to transmit anything from the reflector. HOWEVER, every time someone keys the repeater afterward, WinDV shows "Doubling with XXXX" and it doesn't allow the station trying to use the repeater to to access it, nor does it relay his transmission.

Hope that helps explain the problem a little more clearly.

On Fri, Apr 26, 2013 at 4:53 PM, Laurence Mathews <squirrels@...> wrote:

To unlink all that is required is U only in position 8 of ur field. 001 as well in front, will not work.This applies to all reflectors and gateways on Dplus
Laurie ZL1ICU

--- On Sat, 27/4/13, Tim Tucker <tuckert@...> wrote:

From: Tim Tucker <tuckert@...>
Subject: [gmsk_dv_node] WinDV "Doubling with..." issue after reflector disconnect?
To: gmsk_dv_node@yahoogroups.com
Date: Saturday, 27, April, 2013, 5:07 AM
I have an issue that I can routinely reproduce on my WinDV based repeater. Essentially, the problem is that when someone initiates a Link to a busy reflector (REF001 C, for example) using an RF command (REF001CL, in this example), then talks for a while, then disconnects the link using RF

(REF001CU), WinDV still seems to be partially connected. The symptom is that even though no TX is coming out of the repeater, WinDV keeps reporting "doubling with XXXX" on the screen, causing all local repeater usage to be halted until WinDV is restarted.

I'm not sure if I explained the problem very well, but I can reproduce it almost at will. Has anyone else ever seen this problem? It's become annoying enough that I've even seriously considered switch to the G4KLX software to resolve the issue.

Tim

·–’–––

10057. Re: [gmsk_dv_node] WinDV "Doubling with..." issue after reflector disconnect?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-27 01:59:38 UTC
From: Tim Tucker
Topic: 10053 Message: 10057

Version is 1.5.5

On Fri, Apr 26, 2013 at 6:31 PM, J. M. Moen <jim@...> wrote:

> **
>
>
> **
>
> It’s currently the middle of the night in the Netherlands, but I’m sure
> Fred will be able to help.
>
> In the meantime, I suggest you enable logging at a high level, then get
> the repeater into that state (connected, talking, then disconnected and
> now getting the erroneous “doubling” error message), then go to Help/Report
> a Problem. This will send Fred info that may help in solving the problem.
>
> What version of WinDV are you running?
>
> Jim – K6JM
>
> ***From:* gmsk_dv_node@yahoogroups.com [
> mailto:gmsk_dv_node@yahoogroups.com <gmsk_dv_node@yahoogroups.com>]*** On
> Behalf Of* Tim Tucker
> ***Sent:* Friday, April 26, 2013 5:06 PM
> ***To:* gmsk_dv_node@yahoogroups.com
> ***Subject:* Re: [gmsk_dv_node] WinDV "Doubling with..." issue after
> reflector disconnect?
>
> Sorry, that was just a typo below. The unlink command is given properly
> and WinDV is replying with "unlinking..." The application shows that it
> unlinked and it ceases to transmit anything from the reflector. HOWEVER,
> every time someone keys the repeater afterward, WinDV shows "Doubling with
> XXXX" and it doesn't allow the station trying to use the repeater to to
> access it, nor does it relay his transmission.
>
> Hope that helps explain the problem a little more clearly.
>
> On Fri, Apr 26, 2013 at 4:53 PM, Laurence Mathews <*squirrels@...*<squirrels@...>>
> wrote:
>
>
>
> To unlink all that is required is U only in position 8 of ur field. 001

> as well in front, will not work.This applies to all reflectors and gateways
> on Dplus
> Laurie ZL1ICU
>
> --- On* Sat, 27/4/13, Tim Tucker** <**tuckert@...*<tuckert@...>
> *>* wrote:
>
>
> From: Tim Tucker <*tuckert@...* <tuckert@...>>
> Subject: [gmsk_dv_node] WinDV "Doubling with..." issue after reflector
> disconnect?
> To: *gmsk_dv_node@yahoogroups.com* <gmsk_dv_node@yahoogroups.com>
> Date: Saturday, 27, April, 2013, 5:07 AM
>
> I have an issue that I can routinely reproduce on my WinDV based
> repeater. Essentially, the problem is that when someone initiates a Link
> to a busy reflector (REF001 C, for example) using an RF command (REF001CL,
> in this example), then talks for a while, then disconnects the link using
> RF (REF001CU), WinDV still seems to be partially connected. The symptom is
> that even though no TX is coming out of the repeater, WinDV keeps reporting
> "doubling with XXXX" on the screen, causing all local repeater usage to be
> halted until WinDV is restarted.
>
> I'm not sure if I explained the problem very well, but I can reproduce it
> almost at will. Has anyone else ever seen this problem? It's become
> annoying enough that I've even seriously considered switch to the G4KLX
> software to resolve the issue.
>
> Tim
> ·–,–––
>
>
>

10058. Re: [gmsk_dv_node] WinDV "Doubling with..." issue after reflector disconnect?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-27 11:40:44 UTC
From: Storer, Darren
Topic: 10053 Message: 10058

Hi Tim,

I am currently investigating an almost identical problem on REF001 and on REF005, where a simplex node is instructed to disconnect but seems to remain connected to the original reflector. Sometimes the node remains linked but doesn't show a callsign, appearing as a blank "Remote User" on the reflector dashboard.

A screen shot sent by on of the node operators shows that "DV Node for Windows" is being used to link to the reflectors.

Vy 73 de Darren
G7LWT / AK4DB

On 27 April 2013 01:05, Tim Tucker <tuckert@email.com> wrote:

> **
>
>
> Sorry, that was just a typo below. The unlink command is given properly
> and WinDV is replying with "unlinking..." The application shows that it
> unlinked and it ceases to transmit anything from the reflector. HOWEVER,
> every time someone keys the repeater afterward, WinDV shows "Doubling with
> XXXX" and it doesn't allow the station trying to use the repeater to to
> access it, nor does it relay his transmission.
>
> Hope that helps explain the problem a little more clearly.
>
>
>
> On Fri, Apr 26, 2013 at 4:53 PM, Laurence Mathews <squirrels@...>wrote:
>
>> **
>>
>>
>> To unlink all that is required is U only in position 8 of ur field. 001
>> as well in front, will not work.This applies to all reflectors and gateways
>> on Dplus
>> Laurie ZL1ICU
>>
>> --- On *Sat, 27/4/13, Tim Tucker <tuckert@...>* wrote:
>>
>>
>> From: Tim Tucker <tuckert@email.com>
>> Subject: [gmsk_dv_node] WinDV "Doubling with..." issue after reflector

>> disconnect?
>> To: gmsk_dv_node@yahoogroups.com
>> Date: Saturday, 27, April, 2013, 5:07 AM
>>
>>
>>
>>
>> I have an issue that I can routinely reproduce on my WinDV based
>> repeater. Essentially, the problem is that when someone initiates a Link
>> to a busy reflector (REF001 C, for example) using an RF command (REF001CL,
>> in this example), then talks for a while, then disconnects the link using
>> RF (REF001CU), WinDV still seems to be partially connected. The symptom is
>> that even though no TX is coming out of the repeater, WinDV keeps reporting
>> "doubling with XXXX" on the screen, causing all local repeater usage to be
>> halted until WinDV is restarted.
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>> I'm not sure if I explained the problem very well, but I can reproduce it
>> almost at will. Has anyone else ever seen this problem? It's become
>> annoying enough that I've even seriously considered switch to the G4KLX
>> software to resolve the issue.
>>
>> Tim
>>
>>
>
>

10059. Re: [gmsk_dv_node] WinDV "Doubling with..." issue after reflector disconnect?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-27 16:06:47 UTC
From: Tim Tucker
Topic: 10053 Message: 10059

That's interesting. So not only am I seeing the problem on the client (WinDV), you're seeing the same issue on the Reflector. Sounds like we've at least confirmed that there is a problem that needs to be further investigated.

Tim

On Sat, Apr 27, 2013 at 4:40 AM, Storer, Darren <darren.storer@gmail.com>wrote:

> **
>
>
> Hi Tim,
>
> I am currently investigating an almost identical problem on REF001 and on
> REF005, where a simplex node is instructed to disconnect but seems to
> remain connected to the original reflector. Sometimes the node remains
> linked but doesn't show a callsign, appearing as a blank "Remote User" on
> the reflector dashboard.
>
> A screen shot sent by on of the node operators shows that "DV Node for
> Windows" is being used to link to the reflectors.
>
> Vy 73 de Darren
> G7LWT / AK4DB
>
> On 27 April 2013 01:05, Tim Tucker <tuckert@...> wrote:
>
>> **
>>
>>
>> Sorry, that was just a typo below. The unlink command is given properly
>> and WinDV is replying with "unlinking..." The application shows that it
>> unlinked and it ceases to transmit anything from the reflector. HOWEVER,
>> every time someone keys the repeater afterward, WinDV shows "Doubling with
>> XXXX" and it doesn't allow the station trying to use the repeater to to
>> access it, nor does it relay his transmission.
>>
>> Hope that helps explain the problem a little more clearly.
>>
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>>
>> On Fri, Apr 26, 2013 at 4:53 PM, Laurence Mathews <squirrels@...>wrote:
>>

>>> **
>>>
>>>
>>> To unlink all that is required is U only in position 8 of ur field. 001
>>> as well in front, will not work.This applies to all reflectors and gateways
>>> on Dplus
>>> Laurie ZL1ICU
>>>
>>> --- On *Sat, 27/4/13, Tim Tucker <tuckert@...>* wrote:
>>>
>>>
>>> From: Tim Tucker <tuckert@...>
>>> Subject: [gmsk_dv_node] WinDV "Doubling with..." issue after reflector
>>> disconnect?
>>> To: gmsk_dv_node@yahoogroups.com
>>> Date: Saturday, 27, April, 2013, 5:07 AM
>>>
>>>
>>>
>>>
>>> I have an issue that I can routinely reproduce on my WinDV based
>>> repeater. Essentially, the problem is that when someone initiates a Link
>>> to a busy reflector (REF001 C, for example) using an RF command (REF001CL,
>>> in this example), then talks for a while, then disconnects the link using
>>> RF (REF001CU), WinDV still seems to be partially connected. The symptom is
>>> that even though no TX is coming out of the repeater, WinDV keeps reporting
>>> "doubling with XXXX" on the screen, causing all local repeater usage to be
>>> halted until WinDV is restarted.
>>>
>>> I'm not sure if I explained the problem very well, but I can reproduce
>>> it almost at will. Has anyone else ever seen this problem? It's become
>>> annoying enough that I've even seriously considered switch to the G4KLX
>>> software to resolve the issue.
>>>
>>> Tim
>>>
>>>
>>
>
>

10060. FS Matrix Circuits Star*Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-27 18:52:16 UTC
From: J. M. Moen
Topic: 10060 Message: 10060

I received this email and am posting it per his request:

FS: Star*Board. Never used. Still in original packaging with cables. $60 (half price) plus postage. I bought it last year with the intention of making a repeater, but I don't think I'll ever get around to it.

Reply directly to mojoehand@... or look me up on QRZ.com.

Joe Gray
W5JG

10061. Sold - Matrix Circuits Star*Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-30 02:01:17 UTC
From: J. M. Moen
Topic: 10061 Message: 10061

Joe asked me to post the following:

Please let everyone in the group know that the board is sold. Thanks for listing it for me.

Joe Gray
W5JG

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of J. M. Moen
Sent: Saturday, April 27, 2013 11:52 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] FS Matrix Circuits Star*Board

I received this email and am posting it per his request:

FS: Star*Board. Never used. Still in original packaging with cables. $60 (half price) plus postage. I bought it last year with the intention of making a repeater, but I don't think I'll ever get around to it.

Reply directly to mojoehand@... <mailto:mojoehand%40yahoo.com> or look me up on QRZ.com.

Joe Gray
W5JG

10062. Re: [gmsk_dv_node] Has anyone used an Alinco 135 in a Hotspot?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-04-30 10:37:36 UTC
From: Charles Kelly
Topic: 10007 Message: 10062

Hi,

I also have a Dutch-Star board and using an Alinco DR-135, but to no joy.

Fred was kind enough to assist but i still have no success. I had to change R17 on the board with atleast a 470k ohm resistor with no improvement. I went further since Fred suggested 470k as minimum, and replaced it with a 600k. While close to my hotspot (500 meters) i can still make 2 way communications and link or unlink. The moment I go further, my IC-92 displays "FM detected" or something like this and I'm unable to unlink or link.

It sure would be nice if there are others who can help with this issue.

Charles - EX/ZR6AJZ

--- On Mon, 15/4/13, Jim Thisdale <n1jmm1@...> wrote:

From: Jim Thisdale <n1jmm1@...>
Subject: Re: [gmsk_dv_node] Has anyone used an Alinco 135 in a Hotspot?
To: gmsk_dv_node@yahoogroups.com
Date: Monday, 15 April, 2013, 0:32

I think it depends on how old the radio is... If I remember correctly the older ones didn't do 9600.

-Jim- N1JMM, KB1YPL_B
Visit my Pi running ircddb, dvrptr, Apache & many other things:
http://n1jmm.no-ip.org

On 4/13/13 6:18 PM, J. M. Moen wrote:
>
>
> I’ve been working with a Star*Board customer who was able to get his system to work with several
> analog radios. But when he hooked up to an AlincoDR-135, and after careful adjustment of the TX
> potentiometer, the text message being transmitted was nearly always garbled or with errors. He
> tried many different things, but the common element was that radio. He doesn’t know if the
> particular radio is the problem, or perhaps the 135’s design has some audio processing in the TX
> audio chain, which we know can be harmful for GMSK modulation. The radio’s user manual does not
> have a schematic.
>
> Normally, an analog radio that supports 9600 baud packet data will work with a GMSK modem in Hotspot

> service. It could be this radio is an exception.
>
> Has anyone successfully used anAlinco with a GMSK modem, in particular, a DR-135? If yes, did you
> notice if the user message text being transmitted was accurate?
>
>   Jim – K6JM –_www.moencomm.com_<http://www.moencomm.com>
>

Yahoo! Groups Links

10063. Firmware Dutch*Star Mini Hotspot Rev A

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-06 09:20:10 UTC
From: baaij1963
Topic: 10063 Message: 10063

Last week I received a Dutch*Star MiniHotspot REV A. from my brother to verify. I don't have any documentation found on the internet about this board.

I wonder how to load firmware in this board.
On this board are 4 jumpers, SW1, SW3, SW5 and SW7.

My own NQSMHS has a jumper for put the board in bootloader-mode.

Don't know how to do this on this board.

Please help.

Best Regards,

Kees PA5K

10064. RE: [gmsk_dv_node] Firmware Dutch*Star Mini Hotspot Rev A

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-06 21:20:24 UTC
From: J. M. Moen
Topic: 10063 Message: 10064

I'm not the authority on the DUTCH*Star board, but hopefully this will get you started.

I think the latest manual is found at http://www.dutch-star.eu/software/download.aspx?name=/node_mhs/Mini-HotSpot%20Manual%20V2.00.pdf

The way I see the manual, you jumper JP1, which is located to the left of the Pickit2 header and to the right of the trim pots. You will need a copy of the firmware hex file. The owner of the license can get it by logging onto http://www.dutch-star.eu/my/login.aspx and going to My Account, then Licenses. Click the diskette icon to download the hex file.

You should have NATools installed (do a Complete install).

If WinXP, be sure to download winusb.zip found at http://www.dutch-star.eu/software/ -- unzip and place copy winusb.dll to the ./Windows/System32 folder.

With the JP1 jumper installed, power up the board and plug into your PC's USB port. When drivers are working, bring up NAWinCFG. It will give the message "Node adapter not detected." Ignore that message and select Tools, then Update Firmware. Click "Browse" and navigate to where you saved the firmware hex file. Select it and be sure to check the "Update EEprom data" box, then click Update.

Be sure to remove the jumper from JP1 when finished.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of baaij1963
Sent: Monday, May 06, 2013 2:20 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Firmware Dutch*Star Mini Hotspot Rev A

Last week I received a Dutch*Star MiniHotspot REV A. from my brother to verify. I don't have any documentation found on the internet about this board.

I wonder how to load firmware in this board.
On this board are 4 jumpers, SW1, SW3, SW5 and SW7.

My own NQSMHS has a jumper for put the board in bootloader-mode.

Don't know how to do this on this board.

Please help.

Best Regards,

Kees PA5K

--

10065. Help On Motorola GM350 : - (To Use With A GMSK Micronode

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-08 09:59:37 UTC
From: Deathangel
Topic: 10065 Message: 10065

Does anybody know the RSS GPIO SETTINGS for a Motorola GM350.
I,m a little bit confused on the programmble PTT.
There is a choice of

1. PTT VOICE LOW OR HIGH IS ALSO AN OPTION
2. PTT DATA LOW OR HIGH IS ALSO AN OPTION
3. PTT VOICE/DATA LOW OR HIGH IS ALSO AN OPTION

The pin for this is programmable.

And also the CARRIER SQUELCH is programmable with LOW OR HIGH

10066. RE: [gmsk_dv_node] Help On Motorola GM350 : - (To Use With A GMSK Micronode

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-08 16:12:50 UTC
From: kb1mky
Topic: 10065 Message: 10066
Attachments: 2 described; binary payloads are missing from this source WARC

If I remember correctly it has to do with the low level expansion setting that Motorola uses I have always left the voice at high but never messed with the data since we used an analog system. The CPSS should have documentation within it that explains the need or lack of a need for those particular settings, although it's probably buried on some back page.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Deathangel
Sent: Wednesday, May 08, 2013 6:00 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Help On Motorola GM350 : - (To Use With A GMSK Micronode

Does anybody know the RSS GPIO SETTINGS for a Motorola GM350.
I,m a little bit confused on the programmble PTT.
There is a choice of

1. PTT VOICE LOW OR HIGH IS ALSO AN OPTION
2. PTT DATA LOW OR HIGH IS ALSO AN OPTION
3. PTT VOICE/DATA LOW OR HIGH IS ALSO AN OPTION

The pin for this is programmable.

And also the CARRIER SQUELCH is programmable with LOW OR HIGH

10067. Re: Help On Motorola GM350 : - (To Use With A GMSK Micronode

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-08 16:31:48 UTC
From: Deathangel
Topic: 10065 Message: 10067

Dear Sir,
Thankyou for the reply to my very first post and many greetings from the U.K.
Maybe the voice programmable setting is for an analogue system so its going to be either VOICE/DATA OR JUST DATA As GMSK is Data if yer know what I mean.
My question is VOICE/DATA Or Just the data setting. Theres that LOW/HIGH setting too.
There is no guide on this in the manual or documents.

Regards and 73,s.

10068. Set-up question

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-10 05:27:40 UTC
From: Shawn P. Stokes
Topic: 10068 Message: 10068

So I got my Star Board the other day and then the new ID-51. Went to set up the hotspot and have hit a snag. Here's what I have so far:

Windows 7 through Parallels on an iMac
Star Board with DUTCH*Star HAS V0.1.00F HSFIX for firmware
Choice of a TM-V7A or TM-G707 for the mobile rig
The ID-51 as the Dstar radio I'm testing with

I loaded NATools and found the board no problem, did have a hiccup on an ocx file for RF Read but got that fixed. Configed it per the instructions online and in the documentation as far as jumpers go. Did have to invert the RX to get it to receive. Once inverted RF Read worked fine. When I went to Echo Test it seams to hear the radio fine but I'm getting nothing coming out of the card and the ID-51 is showing that it's seeing an FM signal and not a DV signal. (DV and FM flash back and forth). I listen to the audio and its not as clean or clear as when the ID-51 transmits. I've tried inverting it and I've adjusted the TX pot, nothing so far.

Any ideas? Are these Kenwoods one of the radios that don't do well with it? Any help is appreciated.

73,

Shawn

--
Shawn P. Stokes, KA3RQR
KA3RQR@...

10069. RE: [gmsk_dv_node] Set-up question

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-10 11:37:27 UTC
From: J. M. Moen
Topic: 10068 Message: 10069

Radio question - have you set up the radio for 9600 baud packet data rate?
On the G707, if I read the manual right, that's menu 19.

OK on the jumpers. The firmware settings are also key, in particular RSSI
Report should be checked. My recommended settings for the firmware are
found at http://www.moencomm.com/SBsettings.htm -- you might double-check
those, because the wrong settings can prevent successful TX decoding.

Typically Kenwood radios need a bit more drive than other brands. If you
crank up the TX trim pot (R36) to max, can you get any decoding on the
D-Star radio?

It's also true that the 31A and 51A are more sensitive to the transmitter's
deviation setting than previous D-Star radios. It is usually more difficult
to find the "sweet spot" setting. Using NAWinTEST's Echo Test, make a long
transmission with your 51A, so when it is played back, you'll have time to
carefully adjust the TX pot.

And of course, try all this with TX Invert both checked and unchecked.
Normally you'll find the workable point, or at least you'll be getting some
decoding. If you do, but it has too much R2D2, then your radio may need
more drive than the board delivers at max TX level. In that case, I can
work with you to do a small mod to the board to increase the drive.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of Shawn P. Stokes
Sent: Thursday, May 09, 2013 10:28 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Set-up question

So I got my Star Board the other day and then the new ID-51. Went to set up
the hotspot and have hit a snag. Here's what I have so far:

Windows 7 through Parallels on an iMac
Star Board with DUTCH*Star HAS V0.1.00F HSFIX for firmware
Choice of a TM-V7A or TM-G707 for the mobile rig
The ID-51 as the Dstar radio I'm testing with

I loaded NATools and found the board no problem, did have a hiccup on an ocx
file for RF Read but got that fixed. Configed it per the instructions
online and in the documentation as far as jumpers go. Did have to invert
the RX to get it to receive. Once inverted RF Read worked fine. When I
went to Echo Test it seams to hear the radio fine but I'm getting nothing
coming out of the card and the ID-51 is showing that it's seeing an FM
signal and not a DV signal. (DV and FM flash back and forth). I listen to

the audio and its not as clean or clear as when the ID-51 transmits. I've tried inverting it and I've adjusted the TX pot, nothing so far.

Any ideas? Are these Kenwoods one of the radios that don't do well with it? Any help is appreciated.

73,

Shawn

--
Shawn P. Stokes, KA3RQR
KA3RQR@...

10070. Star*Boards resume shipping Monday May 13

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-10 11:41:09 UTC
From: J. M. Moen
Topic: 10070 Message: 10070

Those of you who have visited the MoenComm website recently may have noticed we've had a brief suspension this week of deliveries of the Matrix Circuits Star*Board. The good news is shipments will resume Monday May 13.

I typically exchange emails with buyers to see if they want me to activate the firmware license and load the firmware onto the board before shipment. Depending on how quickly the buyer responds to the email, that can add a day or so to the ship date.

If you are in a hurry, please order a bit earlier than Monday so we can take care of the firmware before Monday.

Thanks.

Jim - K6JM - www.moencomm.com

10071. Re: [gmsk_dv_node] Set-up question

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-10 12:30:19 UTC
From: Shawn P. Stokes
Topic: 10068 Message: 10071

Jim,

Comments below in red. Thanks for the quick response!

73,

Shawn

--
Shawn P. Stokes, KA3RQR
KA3RQR@...

From: "J. M. Moen" <jim@k6jm.com>
Reply-To: <gmsk_dv_node@yahoogroups.com>
Date: Friday, May 10, 2013 7:37 AM
To: <gmsk_dv_node@yahoogroups.com>
Subject: RE: [gmsk_dv_node] Set-up question

Radio question have you set up the radio for 9600 baud packet data rate?
On the G707, if I read the manual right, that¹s menu 19.

Duh, I knew there was something simple I was forgetting. Now the data
"sounds" better, but☐☐

OK on the jumpers. The firmware settings are also key, in particular RSSI
Report should be checked. My recommended settings for the firmware are
found at http://www.moencomm.com/SBsettings.htm
<http://www.moencomm.com/SBsettings.htm> -- you might double-check those,
because the wrong settings can prevent successful TX decoding.

Yep followed these and that's how its set.

Typically Kenwood radios need a bit more drive than other brands. If you
crank up the TX trim pot (R36) to max, can you get any decoding on the
D-Star radio?

Nope, no R2D2 either. Its sounds low☐.to the naked ear lower at max pot
then the 51 does when it transmits.

It¹s also true that the 31A and 51A are more sensitive to the transmitter¹s
deviation setting than previous D-Star radios. It is usually more difficult
to find the ³sweet spot² setting. Using NAWinTEST¹s Echo Test, make a long
transmission with your 51A, so when it is played back, you¹ll have time to
carefully adjust the TX pot.

Tried, no luck.

And of course, try all this with TX Invert both checked and unchecked. Normally you¹ll find the workable point, or at least you¹ll be getting some decoding. If you do, but it has too much R2D2, then your radio may need more drive than the board delivers at max TX level. In that case, I can work with you to do a small mod to the board to increase the drive.

Any helps appreciated.

Jim K6JM

From: gmsk_dv_node@...m [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Shawn P. Stokes
Sent: Thursday, May 09, 2013 10:28 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Set-up question

So I got my Star Board the other day and then the new ID-51. Went to set up the hotspot and have hit a snag. Here's what I have so far:

Windows 7 through Parallels on an iMac

Star Board with DUTCH*Star HAS V0.1.00F HSFIX for firmware

Choice of a TM-V7A or TM-G707 for the mobile rig

The ID-51 as the Dstar radio I'm testing with

I loaded NATools and found the board no problem, did have a hiccup on an ocx file for RF Read but got that fixed. Configed it per the instructions online and in the documentation as far as jumpers go. Did have to invert the RX to get it to receive. Once inverted RF Read worked fine. When I went to Echo Test it seams to hear the radio fine but I'm getting nothing coming out of the card and the ID-51 is showing that it's seeing an FM signal and not a DV signal. (DV and FM flash back and forth). I listen to the audio and its not as clean or clear as when the ID-51 transmits. I've tried inverting it and I've adjusted the TX pot, nothing so far.

Any ideas? Are these Kenwoods one of the radios that don't do well with it? Any help is appreciated.

73,

Shawn

--

Shawn P. Stokes, KA3RQR

KA3RQR@... <mailto:KA3RQR@...>

10072. Re: Set-up question

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-10 13:29:08 UTC
From: w5pfg
Topic: 10068 Message: 10072

Shawn,

I had the same problem. I am running a Kenwood TM-G707A, Star*board from MoenComm, and an Icom ID-51A. No amount of adjustment to any onboard jumpers or trim pots would solve the problem. It required a very simple modification -- bypassing a SMT resistor (R6.)

I have uploaded an image onto the Files section showing my radios and modified board.

Once the modification was made, the results were immediate. I originally discovered this fix from an email posting by Matt AD5GX who had similar results.

73
Clayton
W5PFG

--- In gmsk_dv_node@yahoogroups.com, "Shawn P. Stokes" <ka3rqr@...> wrote:
>
> Jim,
>
> Comments below in red. Thanks for the quick response!
>
> 73,
>
> Shawn
>
> --
> Shawn P. Stokes, KA3RQR
> KA3RQR@...
>
>
> From: "J. M. Moen" <jim@...>
> Reply-To: <gmsk_dv_node@yahoogroups.com>
> Date: Friday, May 10, 2013 7:37 AM
> To: <gmsk_dv_node@yahoogroups.com>
> Subject: RE: [gmsk_dv_node] Set-up question
>
>
>
>
>
>
>
> Radio question have you set up the radio for 9600 baud packet data rate?
> On the G707, if I read the manual right, that¹s menu 19.
>
> Duh, I knew there was something simple I was forgetting. Now the data

> "sounds" better, but□□
>
> OK on the jumpers. The firmware settings are also key, in particular RSSI
> Report should be checked. My recommended settings for the firmware are
> found at http://www.moencomm.com/SBsettings.htm
> <http://www.moencomm.com/SBsettings.htm> -- you might double-check those,
> because the wrong settings can prevent successful TX decoding.
>
> Yep followed these and that's how its set.
>
> Typically Kenwood radios need a bit more drive than other brands. If you
> crank up the TX trim pot (R36) to max, can you get any decoding on the
> D-Star radio?
>
> Nope, no R2D2 either. Its sounds low□.to the naked ear lower at max pot
> then the 51 does when it transmits.
>
>
>
> It¹s also true that the 31A and 51A are more sensitive to the transmitter¹s
> deviation setting than previous D-Star radios. It is usually more difficult
> to find the ³sweet spot² setting. Using NAWinTEST¹s Echo Test, make a long
> transmission with your 51A, so when it is played back, you¹ll have time to
> carefully adjust the TX pot.
>
> Tried, no luck.
>
>
>
> And of course, try all this with TX Invert both checked and unchecked.
> Normally you¹ll find the workable point, or at least you¹ll be getting some
> decoding. If you do, but it has too much R2D2, then your radio may need
> more drive than the board delivers at max TX level. In that case, I can
> work with you to do a small mod to the board to increase the drive.
>
>
> Any helps appreciated.
>
>
> Jim K6JM
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of Shawn P. Stokes
> Sent: Thursday, May 09, 2013 10:28 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Set-up question
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> Star Board with DUTCH*Star HAS V0.1.00F HSFIX for firmware
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> Choice of a TM-V7A or TM-G707 for the mobile rig
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> online and in the documentation as far as jumpers go. Did have to invert
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> went to Echo Test it seams to hear the radio fine but I'm getting nothing
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> signal and not a DV signal. (DV and FM flash back and forth). I listen to
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> tried inverting it and I've adjusted the TX pot, nothing so far.
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> Any ideas? Are these Kenwoods one of the radios that don't do well with it?
> Any help is appreciated.
>
> 73,
>
> Shawn
>
> --
>
> Shawn P. Stokes, KA3RQR
>
> KA3RQR@... <mailto:KA3RQR@...>
>

10073. Re: Enclosures for Star*Board Node Adapter

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-10 18:22:36 UTC
From: w5pfg
Topic: 9610 Message: 10073

Has there been any progress identifying an enclosure suitable for the Star*board that can be purchased online? Preferably an aluminum or shielded enclosure.

I'm 0 for 3. The ones I've tried just barely won't work, even with modification. Obviously I could order a big box but I'm trying to find something the "perfect" size without a lot of excess.

Thank you & 73,
Clayton

--- In gmsk_dv_node@yahoogroups.com, Jim Thisdale <n1jmm1@...> wrote:
>
> Yes the aluminum pain can act as a shield, works better if the painted
> surface is grounded or at least connected to the common on the
> board/power supply.
>
> You could also use aluminum foil glued to the inside of the box.
>
> -Jim-
> Visit my Pi running ircddb, dvrptr, Apache2 web-server & other things:
> http://n1jmm.no-ip.org
> http://n1jmm.no-ip.org/index.php
>
> On 11/28/12 4:10 PM, Perry Chamberlain wrote:
> >
> >
> > Has anyone tried a raspberry pie box, like the Adafruit box.
> > I will try one tonight when I get home.
> > Looking at the way Jim answered, my answer appears kind of snarky.
> > Didnt mean to, thats why I put the smiley face up.
> > I got very frustrated, after spending days, hunting suppliers on the
> > internet, and spent a ton of time trying to decypher the hammond box site.
> > Found lots of close boxes, but none to fit just right.
> >
> > Will sprayig the inside of a plastic box with aluminum paint or other
> > metalic paint, sheild the board at all?
> >
> > Maybe someone could 3d-print a box.
> >
> > Ke6anm
> >
> >
> > Sent from my iPad
> >
> > On Nov 28, 2012, at 8:43 AM, "J. M. Moen" <jim@...

> > <mailto:jim@...>> wrote:
> >
> >> Mike,
> >>
> >> Thanks for the link. Those are very nice enclosures. Unfortunately,
> >> when clicking the â□□Backâ□□ button at the bottom to see the size info,
> >> the closest size for the Star*Board is 78m outside width, made for a
> >> 75mm wide board to slide in on the rails. The Star*Board is about 67
> >> mm wide, and will fit snugly into an enclosure made for 66 mm boards.
> >>
> >> If you are handy with plastic, or have access to a store like Tap
> >> Plastics, you could cut a thin plastic â□□boardâ□□ to the correct size for
> >> whatever enclosure, then drill 4 holes and mount the Star*Board on
> >> that. I havenâ□□t done that myself, since I donâ□□t need a metal
> >> enclosure in the shack for RFI reasons (except one would be nice for
> >> cosmetic reasons).
> >>
> >> Jim â□" K6JM
> >>
> >> *From:*gmsk_dv_node@yahoogroups.com
> >> <mailto:gmsk_dv_node@yahoogroups.com>
> >> [mailto:gmsk_dv_node@yahoogroups.com] *On Behalf Of *garagenet2
> >> *Sent:* Tuesday, November 27, 2012 5:53 AM
> >> *To:*
> >> <mailto:gmsk_dv_node@yahoogroups.com>gmsk_dv_node@yahoogroups.com
> >> <mailto:gmsk_dv_node@yahoogroups.com>
> >> *Subject:* [gmsk_dv_node] Re: Enclosures for Star*Board Node Adapter
> >>
> >>
> >> Hi Jim:
> >>
> >> You May want to Look Here for the Star Board Enclosures
> >> Since No one to disclose there Source... (Not a Secret!)
> >>
> >> Aluminum Project Boxes with Card Guides for all Shape and sizes...
> >>
> >> Aluminum Project Box with card Guides...
> >> <http://www.hammondmfg.com/1455ptblb.htm>
> >>
> >> Hope this Helps!
> >>
> >> Mike Cintron KB2ITR
> >> --- In
> >> <mailto:gmsk_dv_node@yahoogroups.com>gmsk_dv_node@yahoogroups.com
> >> <mailto:gmsk_dv_node@yahoogroups.com>, "J. M. Moen" <jim@
> >> <mailto:jim@>> wrote:
> >> >
> >> > Regarding the eBay listing of a nice aluminum enclosure that will
> >> accept the

> >> > Star*Board Node Adapter - the vendor (ledtoplights) replied to me as
> >> > follows: "we will relist this item middle of next month." So look for
> >> > that on eBay in mid-December 2012.
> >> >
> >> > (I'd hoped he'd share with me where he got that, so I could offer it
> >> on the
> >> > MoenComm website, but instead he decided to sell more himself. I've
> >> looked
> >> > pretty hard to find that width box - manufacturers generally won't do a
> >> > custom width without a large setup fee, but will cut their standard
> >> width to
> >> > custom lengths. If anyone finds a source of a box with rails that are
> >> > 66-67mm wide [inside dimension], please let me know.)
> >> >
> >> > Most people can use a plastic enclosure, since they don't have RFI
> >> in the
> >> > shack. A few do have RFI, and until they fix that, a metal
> >> enclosure, and
> >> > possibly ferrite beads on cables, may help.
> >> >
> >> > I personally have used a metal Altoids tin box (QRP favorite). I
> >> also use
> >> > a very cheap box from Tap Plastics at
> >> >
> >> <http://www.tapplastics.com/product/plastics/finished_products/ballot_box/229>http://www.tapplastics.com/product/plastics/finished_products/ballot_box/229
> >> > -- box # FT-38.
> >> >
> >> > Tap Plastics has other choices. One ham used an elegant clear
> >> plastic box
> >> > found at:
> >> >
> >> <http://www.tapplastics.com/product/plastics/finished_products/ballot_box/221>http://www.tapplastics.com/product/plastics/finished_products/ballot_box/221
> >> > -- box # 864, which is 3 1/2" x 3 1/2" x 2 13/16".
> >> >
> >> > Jim - K6JM - <http://www.moencomm.com>www.moencomm.com
> >> <http://www.moencomm.com>
> >> >
> >> >
> >> > From:
> >> <mailto:gmsk_dv_node@yahoogroups.com>gmsk_dv_node@yahoogroups.com
> >> <mailto:gmsk_dv_node@yahoogroups.com>
> >> [<mailto:gmsk_dv_node@yahoogroups.com>mailto:gmsk_dv_node@yahoogroups.com]
> >> On
> >> > Behalf Of J. M. Moen
> >> > Sent: Thursday, November 15, 2012 9:06 PM
> >> > To:
> >> <mailto:gmsk_dv_node@yahoogroups.com>gmsk_dv_node@yahoogroups.com

> >> <mailto:gmsk_dv_node@yahoogroups.com>
> >> > Subject: RE: [gmsk_dv_node] .Matrix Circuits' Star*Board: Enclosure
> >> > Eric KD5YBE found a box on eBay that the Star*Board fits into, but
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> >> <http://www.ebay.com/itm/Aluminum-Project-Box-Enclosure-Case-Electronic-DIY-C>http://www.ebay.com/itm/Aluminum-Project-Box-Enclosure-Case-Electronic-DIY-C
> >> >
> >> ase-New-/110862442012?pt=BI_Electrical_Equipment_Tools&hash=item19cfea9e1c
> >>
> >> > Jim - K6JM
> >> > From:
> >> <mailto:gmsk_dv_node@yahoogroups.com>gmsk_dv_node@yahoogroups.com
> >> <mailto:gmsk_dv_node@yahoogroups.com>
> >> [<mailto:gmsk_dv_node@yahoogroups.com>mailto:gmsk_dv_node@yahoogroups.com]
> >> On
> >> > Behalf Of chuckn4ued
> >> > Sent: Thursday, November 15, 2012 7:03 PM
> >> > To:
> >> <mailto:gmsk_dv_node@yahoogroups.com>gmsk_dv_node@yahoogroups.com
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> >> > Subject: [gmsk_dv_node] .Matrix Circuits' Star*Board: Enclosure
> >> > Hi this is Chuck N4UED . Does anyone know where you can purchase and
> >> > enclosure that is about the size of the moencommm starboard .
> >> > Thanks Chuck Pridgen N4UED
> >> >
> >>
> > >
> > >
> > >
>

10074. Re: [gmsk_dv_node] Re: Enclosures for Star*Board Node Adapter

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-10 19:59:47 UTC
From: Kent
Topic: 9610 Message: 10074

Altoids tin makes a great case

On May 10, 2013, at 14:22, "w5pfg" <kayakfishtx@...> wrote:

> Has there been any progress identifying an enclosure suitable for the Star*board that can be purchased online? Preferably an aluminum or shielded enclosure.
>
> I'm 0 for 3. The ones I've tried just barely won't work, even with modification. Obviously I could order a big box but I'm trying to find something the "perfect" size without a lot of excess.
>
> Thank you & 73,
> Clayton
>
> --- In gmsk_dv_node@yahoogroups.com, Jim Thisdale <n1jmm1@...> wrote:
> >
> > Yes the aluminum pain can act as a shield, works better if the painted
> > surface is grounded or at least connected to the common on the
> > board/power supply.
> >
> > You could also use aluminum foil glued to the inside of the box.
> >
> > -Jim-
> > Visit my Pi running ircddb, dvrptr, Apache2 web-server & other things:
> > http://n1jmm.no-ip.org
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> >
> > On 11/28/12 4:10 PM, Perry Chamberlain wrote:
> > >
> > >
> > > Has anyone tried a raspberry pie box, like the Adafruit box.
> > > I will try one tonight when I get home.
> > > Looking at the way Jim answered, my answer appears kind of snarky.
> > > Didnt mean to, thats why I put the smiley face up.
> > > I got very frustrated, after spending days, hunting suppliers on the
> > > internet, and spent a ton of time trying to decypher the hammond box site.
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> > >> >
> > >> > From:
> > >> <mailto:gmsk_dv_node@yahoogroups.com>gmsk_dv_node@yahoogroups.com
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> > >> > Eric KD5YBE found a box on eBay that the Star*Board fits into, but
> > >> > unfortunately the vendor is no longer selling them. I've written the
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> > >> <http://www.ebay.com/itm/Aluminum-Project-Box-Enclosure-Case-Electronic-DIY-C>http://www.ebay.com/itm/Aluminum-Project-Box-Enclosure-Case-Electronic-DIY-C
> > >> >
> > >> ase-New-/110862442012?pt=BI_Electrical_Equipment_Tools&hash=item19cfea9e1c
> > >>
> > >> > Jim - K6JM
> > >> > From:
> > >> <mailto:gmsk_dv_node@yahoogroups.com>gmsk_dv_node@yahoogroups.com
> > >> <mailto:gmsk_dv_node@yahoogroups.com>
> > >> [<mailto:gmsk_dv_node@yahoogroups.com>mailto:gmsk_dv_node@yahoogroups.com]
> > >> On
> > >> > Behalf Of chuckn4ued
> > >> > Sent: Thursday, November 15, 2012 7:03 PM
> > >> > To:
> > >> <mailto:gmsk_dv_node@yahoogroups.com>gmsk_dv_node@yahoogroups.com
> > >> <mailto:gmsk_dv_node@yahoogroups.com>
> > >> > Subject: [gmsk_dv_node] .Matrix Circuits' Star*Board: Enclosure
> > >> > Hi this is Chuck N4UED . Does anyone know where you can purchase and
> > >> > enclosure that is about the size of the moencommm starboard .
> > >> > Thanks Chuck Pridgen N4UED
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> >
>
> Reply via web post Reply to sender Reply to group Start a New Topic Messages in this topic (11)
> RECENT ACTIVITY: New Members 10

10075. HOTSPOT with Mini Hotspot from Dutch Star.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-10 20:57:42 UTC
From: Salvo IT9BGI
Topic: 10075 Message: 10075

Hi to all !

I've an Alix 3D3 and Mini Hotspot Rev.A bought from Dutch Star (Thanks Fred !).

Win XP is not very good to run on Alix and I think to create an Hotspot under Linux.

I've installed CentOS and Alix works very well.

Which SW i must install for making an Hotspot in simplex mode?

Someone can help me, please ?

Thanks in adv and King Regards.

73 de IT9BGI - Op. Salvo

10076. RE: [gmsk_dv_node] HOTSPOT with Mini Hotspot from Dutch Star.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-11 00:06:24 UTC
From: J. M. Moen
Topic: 10075 Message: 10076

Salvo,

Currently, the most popular hotspot programs running on Linux are those from G4KLX. He has two sets of programs - the Repeater programs and the ircDDBGateway programs. Once configured, you will run both of them at the same time, typically in daemon mode so the will run quietly without needing a terminal. In your case, you'll want gmskrepeater (or gmskrepeaterd, the daemon version) and ircddbgateway (or ircddbgatewayd).

You can get the software from http://opendv.berlios.de/ - click on Repeaters and download, then click on Gateway.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Salvo IT9BGI
Sent: Friday, May 10, 2013 1:58 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] HOTSPOT with Mini Hotspot from Dutch Star.
Hi to all !
I've an Alix 3D3 and Mini Hotspot Rev.A bought from Dutch Star (Thanks Fred !).
Win XP is not very good to run on Alix and I think to create an Hotspot under Linux.
I've installed CentOS and Alix works very well.
Which SW i must install for making an Hotspot in simplex mode?
Someone can help me, please ?
Thanks in adv and King Regards.

73 de IT9BGI - Op. Salvo

10077. R: [gmsk_dv_node] HOTSPOT with Mini Hotspot from Dutch Star.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-11 07:00:30 UTC
From: Salvo IT9BGI
Topic: 10075 Message: 10077

Hi Jim, thanks a lot !

Now I'll try to install SW.

Many thanks.

73 de IT9BGI - Salvo.

Da: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] Per conto di J. M. Moen
Inviato: sabato 11 maggio 2013 02.06
A: gmsk_dv_node@yahoogroups.com
Oggetto: RE: [gmsk_dv_node] HOTSPOT with Mini Hotspot from Dutch Star.

Salvo,

Currently, the most popular hotspot programs running on Linux are those from G4KLX. He has two sets of programs - the Repeater programs and the ircDDBGateway programs. Once configured, you will run both of them at the same time, typically in daemon mode so the will run quietly without needing a terminal. In your case, you'll want gmskrepeater (or gmskrepeaterd, the daemon version) and ircddbgateway (or ircddbgatewayd).

You can get the software from <http://opendv.berlios.de/>
http://opendv.berlios.de/ - click on Repeaters and download, then click on Gateway.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Salvo IT9BGI
Sent: Friday, May 10, 2013 1:58 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] HOTSPOT with Mini Hotspot from Dutch Star.

Hi to all !

I've an Alix 3D3 and Mini Hotspot Rev.A bought from Dutch Star (Thanks Fred !).

Win XP is not very good to run on Alix and I think to create an Hotspot under Linux.

I've installed CentOS and Alix works very well.

Which SW i must install for making an Hotspot in simplex mode?

Someone can help me, please ?

Thanks in adv and King Regards.

73 de IT9BGI - Op. Salvo

10078. Re: [gmsk_dv_node] HOTSPOT with Mini Hotspot from Dutch Star.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-11 08:04:48 UTC
From: Tony Langdon
Topic: 10075 Message: 10078

On 11/05/13 6:57 AM, Salvo IT9BGI wrote:
>
>
> Hi to all !
>
> I've an Alix 3D3 and Mini Hotspot Rev.A bought from Dutch Star (Thanks
> Fred !).
>
> Win XP is not very good to run on Alix and I think to create an
> Hotspot under Linux.
>
The G4KLX software works well on these Alix boards with a GMSK modem. I
ran that setup for quite a while.

--
73 de Tony VK3JED
http://vkradio.com

10079. Mini Hotspot Rev C board no transmit

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-11 13:22:24 UTC
From: Graham Pemberton G7NEH
Topic: 10079 Message: 10079

Hi all,

I have been trying to set up my mini hotspot but am unable to get past the echo test in NATools, I'm sure the lead to the radio (FT-817) is wired correctly and It works fine on the RF read test but when I try the echo test and key the mike on the hand held the 817 goes into transmit for about 2-3 seconds then goes into receive regardless wether I still have the mike keyed on the hand held or not, the red transmit LED does not light up on the board and no audio is received at the hand held.

I would be grateful for any comments or suggestions.

Regards
Graham G7NEH

10080. Re: [gmsk_dv_node] Mini Hotspot Rev C board no transmit

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-11 14:31:11 UTC
From: Donald Jacob
Topic: 10079 Message: 10080

Have you trief TX RX invert?

Don WB5EKU
On May 11, 2013 6:22 AM, "Graham Pemberton G7NEH" <
grahampemberton312@...> wrote:

> **
>
>
> Hi all,
>
> I have been trying to set up my mini hotspot but am unable to get past the
> echo test in NATools, I'm sure the lead to the radio (FT-817) is wired
> correctly and It works fine on the RF read test but when I try the echo
> test and key the mike on the hand held the 817 goes into transmit for about
> 2-3 seconds then goes into receive regardless wether I still have the mike
> keyed on the hand held or not, the red transmit LED does not light up on
> the board and no audio is received at the hand held.
>
> I would be grateful for any comments or suggestions.
>
> Regards
> Graham G7NEH
>
>
>

10081. RE: [gmsk_dv_node] Mini Hotspot Rev C board no transmit

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-11 21:40:47 UTC
From: J. M. Moen
Topic: 10079 Message: 10081

Also

1)make sure in NAWinCFG's Mode Settings window, that Half Duplex is checked, and

2)make sure RSSI Report is checked. I think the latest DUTCH*Star mini hotspots default to RSSI or V5 mode, so you want the firmware RSSI Report to be enabled.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Donald Jacob
Sent: Saturday, May 11, 2013 7:31 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Mini Hotspot Rev C board no transmit
Have you trief TX RX invert?
Don WB5EKU
On May 11, 2013 6:22 AM, "Graham Pemberton G7NEH"
<grahampemberton312@...> wrote:
Hi all,

I have been trying to set up my mini hotspot but am unable to get past the echo test in NATools, I'm sure the lead to the radio (FT-817) is wired correctly and It works fine on the RF read test but when I try the echo test and key the mike on the hand held the 817 goes into transmit for about 2-3 seconds then goes into receive regardless wether I still have the mike keyed on the hand held or not, the red transmit LED does not light up on the board and no audio is received at the hand held.

I would be grateful for any comments or suggestions.

Regards
Graham G7NEH

10082. TS2000 cable connections

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-12 07:29:55 UTC
From: dstar_europe
Topic: 10082 Message: 10082

Hi does anyone have a Hotspot working with a TS2000?? if you do what wiring do you have and was there any special setting you had to do on the Radio besides just putting it in to 9600bd packet mode also what setting did you do on Natools when setting it up???

Thanks

10083. RE: [gmsk_dv_node] TS2000 cable connections

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-12 11:05:25 UTC
From: J. M. Moen
Topic: 10082 Message: 10083

The general answer is check out this group's web site in the Files area, in the Radio Files folder. Note that this radio can be used as the analog radio in a hotspot using 2 meters or 70cm. Also, since it includes HF bands, it can be used with a DV Dongle and the G4KLX program GMSKClient to adapt the radio into being like a D-Star radio on HF (for D-Star QSOs with ICOM 9100s on HF). But because a computer is needed and a band change may require changing the RX Invert and/or TX Invert settings, obviously operationally it's not as smooth an experience as a 9100.

Jim - K6JM

To save you some time, here's a copy of the Kenwood TS-2000.txt file:

Kenwood TS-2000

Thanks to Roland W9HPX. He provided most of the following info.

Cable connects to ACC2 connector (see page 95 of manual):

RX audio - from pin 3
Ground - pins 4, 8 or 12
Squelch - pin 5
TX audio - pin 11
PTT - pin 9

Radio settings:

Menu 50E - MAIN
Menu 50F - 9600pbs
Menu 55 - OFF
Menu 20 - OFF
Menu 21 - OFF
Mode: FMN

Mini HotSpot board:
2 meters: RX Invert On, TX Invert OFF
70cm: RX Invert OFF, TX Invert ON

Note 1: The TS-2000 appears to have internal inversion depending on band. Therefore, when testing on other bands, try RX Invert both on and off, and TX Invert, both on and off.

Note 2: The cable and menu settings assume use of main receiver. If using sub-receiver, different pins and menu settings will apply.

Note 3: FMN or Narrow-band FM -- When in 9600bps mode, there is no TX filtering. In 9600bps mode the ACC2 pin 11 TX input signal goes through a one transistor buffer (Q93) and is then switched directly

to the FM modulator. It does not go through any of the DSP stages.
Thus the deviation is set entirely by the audio level of the GMSK input.
On the RX side, the received signal passes through a 15kHz filter for FM
or a 9kHz filter for FMN.

Note 4: Menus 50A, 50B, 50C and 50D do not function when in 9600bps mode.
All level settings must be done externally (e.g. MHS trimpot).

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of dstar_europe
Sent: Sunday, May 12, 2013 12:30 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] TS2000 cable connections

Hi does anyone have a Hotspot working with a TS2000?? if you do what wiring
do you have and was there any special setting you had to do on the Radio
besides just putting it in to 9600bd packet mode also what setting did you
do on Natools when setting it up???

Thanks

10084. Re: [gmsk_dv_node] TS2000 cable connections

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-12 11:12:27 UTC
From: Dave-KB1PVH
Topic: 10082 Message: 10084

All the info is in the files section, but here is a link so you don't have to search around. http://f1.grp.yahoofs.com/v1/mHePUQTgj9owGoZnaHwFCdk_qgtGwy5VTotJKbyjWBYmlL8QwHSUNEjdSihYASJlF4wrgdcdobG2m_UDCNJTI2fQ1SGJ/Radio%20Files/Kenwood%20TS-2000.txt

Dave-KB1PVH

Sent from my Verizon Wireless 4G LTE DROID

dstar_europe <digitalworld_28@yahoo.com> wrote:

>
>
>Hi does anyone have a Hotspot working with a TS2000?? if you do what wiring do you have and was there any special setting you had to do on the Radio besides just putting it in to 9600bd packet mode also what setting did you do on Natools when setting it up???
>
>Thanks
>
>
>
><!-- #ygrp-mkp { border: 1px solid #d8d8d8; font-family: Arial; margin: 10px 0; padding: 0 10px; } #ygrp-mkp hr { border: 1px solid #d8d8d8; } #ygrp-mkp #hd { color: #628c2a; font-size: 85%; font-weight: 700; line-height: 122%; margin: 10px 0; } #ygrp-mkp #ads { margin-bottom: 10px; } #ygrp-mkp .ad { padding: 0 0; } #ygrp-mkp .ad p { margin: 0; } #ygrp-mkp .ad a { color: #0000ff; text-decoration: none; } #ygrp-sponsor #ygrp-lc { font-family: Arial; } #ygrp-sponsor #ygrp-lc #hd { margin: 10px 0px; font-weight: 700; font-size: 78%; line-height: 122%; } #ygrp-sponsor #ygrp-lc .ad { margin-bottom: 10px; padding: 0 0; } #actions { font-family: Verdana; font-size: 11px; padding: 10px 0; } #activity { background-color: #e0ecee; float: left; font-family: Verdana; font-size: 10px; padding: 10px; } #activity span { font-weight: 700; } #activity span:first-child { text-transform: uppercase; } #activity span a { color: #5085b6; text-decoration: none; } #activity span span { color: #ff7900; } #activity span .underline { text-decoration: underline; } .attach { clear: both; display: table; font-family: Arial; font-size: 12px; padding: 10px 0; width: 400px; } .attach div a { text-decoration: none; } .attach img { border: none; padding-right: 5px; } .attach label { display: block; margin-bottom: 5px; } .attach label a { text-decoration: none; } blockquote { margin: 0 0 0 4px; } .bold { font-family: Arial; font-size: 13px; font-weight: 700; } .bold a { text-decoration: none; } dd.last p a { font-family: Verdana; font-weight: 700; } dd.last p span { margin-right: 10px; font-family: Verdana; font-weight: 700; } dd.last p span.yshortcuts { margin-right: 0; } div.attach-table div div a { text-decoration: none; } div.attach-table { width: 400px; } div.file-title a, div.file-title a:active, div.file-title a:hover, div.file-title a:visited { text-decoration: none; } div.photo-title a, div.photo-title a:active, div.photo-title a:hover, div.photo-title a:visited { text-decoration: none; } div#ygrp-mlmsg #ygrp-msg p a span.yshortcuts { font-family: Verdana; font-size: 10px; font-weight: normal; } .green { color: #628c2a; } .MsoNormal { margin: 0 0 0 0; } o { font-size: 0; } #photos div { float: left; width: 72px; } #photos div div { border: 1px

solid #666666; height: 62px; overflow: hidden; width: 62px; } #photos div label { color: #666666; font-size: 10px; overflow: hidden; text-align: center; white-space: nowrap; width: 64px; } #reco-category { font-size: 77%; } #reco-desc { font-size: 77%; } .replbq { margin: 4px; } #ygrp-actbar div a:first-child { /* border-right: 0px solid #000;*/ margin-right: 2px; padding-right: 5px; } #ygrp-mlmsg { font-size: 13px; font-family: Arial, helvetica,clean, sans-serif; *font-size: small; *font: x-small; } #ygrp-mlmsg table { font-size: inherit; font: 100%; } #ygrp-mlmsg select, input, textarea { font: 99% Arial, Helvetica, clean, sans-serif; } #ygrp-mlmsg pre, code { font:115% monospace; *font-size:100%; } #ygrp-mlmsg * { line-height: 1.22em; } #ygrp-mlmsg #logo { padding-bottom: 10px; } #ygrp-msg p a { font-family: Verdana; } #ygrp-msg p#attach-count span { color: #1E66AE; font-weight: 700; } #ygrp-reco #reco-head { color: #ff7900; font-weight: 700; } #ygrp-reco { margin-bottom: 20px; padding: 0px; } #ygrp-sponsor #ov li a { font-size: 130%; text-decoration: none; } #ygrp-sponsor #ov li { font-size: 77%; list-style-type: square; padding: 6px 0; } #ygrp-sponsor #ov ul { margin: 0; padding: 0 0 0 8px; } #ygrp-text { font-family: Georgia; } #ygrp-text p { margin: 0 0 1em 0; } #ygrp-text tt { font-size: 120%; } #ygrp-vital ul li:last-child { border-right: none !important; } -->

10085. Re: [gmsk_dv_node] Mini Hotspot Rev C board no transmit

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-12 12:21:30 UTC
From: Deathangel Deathangel
Topic: 10079 Message: 10085

Hellos Jim. I got everything working YAY !!!!!.. It was the jumper settings on the interface board. You got 3 on there SW1 SW2 SW3. I had to change the SW2 AND SW3. Hope this is a help and useful information to anybody out there with the same problem. Dependet on what radio your using the jumper settings count too. The guy who made the interface didn,t know that either.

Jimmy

From: J. M. Moen <jim@...>
To: gmsk_dv_node@yahoogroups.com
Sent: Saturday, 11 May 2013, 22:40
Subject: RE: [gmsk_dv_node] Mini Hotspot Rev C board no transmit

Also
1)make sure in NAWinCFG’s Mode Settings window, that Half Duplex is checked, and
2)make sure RSSI Report is checked. I think the latest DUTCH*Star mini hotspots default to RSSI or V5 mode, so youwantthe firmware RSSI Report to be enabled.
   Jim – K6JM
From:gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]On Behalf OfDonald Jacob
Sent:Saturday, May 11, 2013 7:31 AM
To:gmsk_dv_node@yahoogroups.com
Subject:Re: [gmsk_dv_node] Mini Hotspot Rev C board no transmit
Have you trief TX RX invert?
Don WB5EKU
On May 11, 2013 6:22 AM, "Graham Pemberton G7NEH" <grahampemberton312@...> wrote:
Hi all,

I have been trying to set up my mini hotspot but am unable to get past the echo test in NATools, I'm sure the lead to the radio (FT-817) is wired correctly and It works fine on the RF read test but when I try the echo test and key the mike on the hand held the 817 goes into transmit for about 2-3 seconds then goes into receive regardless wether I still have the mike keyed on the hand held or not, the red transmit LED does not light up on the board and no audio is received at the hand held.

I would be grateful for any comments or suggestions.

Regards
Graham G7NEH

10086. Got everything working YAY !!!!..

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-12 12:27:10 UTC
From: Deathangel
Topic: 10086 Message: 10086

I got everything working, And working with great audio too !!!!..

Okay a little bit of info to everybody out there.
If anybody has or is having the same problem I did with the no transmit audio. You need to change the jumper settings SW2 and SW3 on the board dependet on what radio your using.
Start first with SW2 to get a COS light up LED and need be change SW3.

G0OOT Jimmy

10087. RE: [gmsk_dv_node] Got everything working YAY !!!!..

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-12 15:08:09 UTC
From: Fred PA4YBR
Topic: 10086 Message: 10087

Actually, you should have set the board to use SoftCOS, as explained
in the manual, that works a lot better. The guy who made the interface
board DID know, you see...

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of Deathangel
Sent: Sunday, May 12, 2013 2:27 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Got everything working YAY !!!!..

I got everything working, And working with great audio too !!!!..

Okay a little bit of info to everybody out there.
If anybody has or is having the same problem I did with the no transmit
audio. You need to change the jumper settings SW2 and SW3 on the board
dependet on what radio your using. Start first with SW2 to get a COS light
up LED and need be change SW3.

G0OOT Jimmy

10088. RE: [gmsk_dv_node] Mini Hotspot Rev C board no transmit

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-12 15:51:47 UTC
From: Fred PA4YBR
Topic: 10079 Message: 10088

Graham,

You probably want to set the "RSSI Monitor" checkbox in the Mode screen of NAWinCFG. This sets the firmware to "new style" I/O pinning, needed for that board. One of the I/O pins being remapped is, indeed, the TXDATA pin of the GMSK chip :P

Cheers,

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Graham Pemberton G7NEH
Sent: Saturday, May 11, 2013 3:22 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Mini Hotspot Rev C board no transmit

Hi all,

I have been trying to set up my mini hotspot but am unable to get past the echo test in NATools, I'm sure the lead to the radio (FT-817) is wired correctly and It works fine on the RF read test but when I try the echo test and key the mike on the hand held the 817 goes into transmit for about 2-3 seconds then goes into receive regardless wether I still have the mike keyed on the hand held or not, the red transmit LED does not light up on the board and no audio is received at the hand held.

I would be grateful for any comments or suggestions.

Regards
Graham G7NEH

10089. RE: [gmsk_dv_node] TS2000 cable connections

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-12 20:00:21 UTC
From: J. M. Moen
Topic: 10082 Message: 10089

Yahoo puts session info into their URLs, so they won’t work later.

Try this:

http://groups.yahoo.com/group/gmsk_dv_node/files/Radio%20Files/Kenwood%20TS-2000.txt

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Dave-KB1PVH
Sent: Sunday, May 12, 2013 4:12 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] TS2000 cable connections

All the info is in the files section, but here is a link so you don't have to search around. http://f1.grp.yahoofs.com/v1/mHePUQTgj9owGoZnaHwFCdk_qgtGwy5VTotJKbyjWBYmlL8QwHSUNEjdSihYASJlF4wrgdcdobG2m_UDCNJTI2fQ1SGJ/Radio%20Files/Kenwood%20TS-2000.txt

Dave-KB1PVH

Sent from my Verizon Wireless 4G LTE DROID

dstar_europe <digitalworld_28@...> wrote:
Hi does anyone have a Hotspot working with a TS2000?? if you do what wiring do you have and was there any special setting you had to do on the Radio besides just putting it in to 9600bd packet mode also what setting did you do on Natools when setting it up???

Thanks

10090. beta firmware for NI20 GMSK modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-13 00:34:06 UTC
From: Peter
Topic: 10090 Message: 10090

G'day all, I am trying to find out if there is some sort of beta firmware to allow the use the G4KLX repeater software and a NI20 GMSK modems.

I have downloaded and am trying to run the WesternDSTAR package on my Rapsberry PI, but it seems not to like the NI20 GMSK modem.

Any Ideas ???

Cheers

Peter

10091. RE: [gmsk_dv_node] beta firmware for NI20 GMSK modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-13 03:45:39 UTC
From: J. M. Moen
Topic: 10090 Message: 10091

DUTCH*Star will send you the Beta. Go to
http://www.dutch-star.eu/feedback.aspx and provide your callsign and the
DUTCH*Star license code that came with your NQSMHS. Fred will send you the
Beta version preferred by the G4KLX programs.

If you've lost the license code, you can buy a new license for 10 Euros,
which is about US $13.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of Peter
Sent: Sunday, May 12, 2013 5:34 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] beta firmware for NI20 GMSK modem
G'day all, I am trying to find out if there is some sort of beta firmware to
allow the use the G4KLX repeater software and a NI20 GMSK modems.

I have downloaded and am trying to run the WesternDSTAR package on my
Rapsberry PI, but it seems not to like the NI20 GMSK modem.

Any Ideas ???

Cheers

Peter

10092. Re: beta firmware for NI20 GMSK modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-13 03:53:43 UTC
From: Peter
Topic: 10090 Message: 10092

Thanks for the info Jim..

Regards

Peter

--- In gmsk_dv_node@yahoogroups.com, "J. M. Moen" <jim@...> wrote:
>
> DUTCH*Star will send you the Beta. Go to
> http://www.dutch-star.eu/feedback.aspx and provide your callsign and the
> DUTCH*Star license code that came with your NQSMHS. Fred will send you the
> Beta version preferred by the G4KLX programs.
>
> If you've lost the license code, you can buy a new license for 10 Euros,
> which is about US $13.
>
> Jim - K6JM
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of Peter
> Sent: Sunday, May 12, 2013 5:34 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] beta firmware for NI20 GMSK modem
> G'day all, I am trying to find out if there is some sort of beta firmware to
> allow the use the G4KLX repeater software and a NI20 GMSK modems.
>
> I have downloaded and am trying to run the WesternDSTAR package on my
> Rapsberry PI, but it seems not to like the NI20 GMSK modem.
>
> Any Ideas ???
>
> Cheers
>
> Peter
>

10093. Re: [gmsk_dv_node] Mini Hotspot Rev C board no transmit

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-15 17:54:36 UTC
From: Graham Pemberton G7NEH
Topic: 10079 Message: 10093

Hi Fred and all,

Sorry for the late reply, I have installed the new beta firmware sent to me by Fred (many thanks Fred) and have RSSI Monitor checked and also set the board to use soft COS.

Now when I run the echo test it appears to take in the signal from my radio and as soon as I release the PTT the board goes into transmit, the red light comes on (which it didn't before) and the FT817 goes into transmit but only for a second and then goes off, I do not receive anything through my hand held.

I am still 99 percent sure the lead from the board to the ft817 is wired correctly, however I am hoping that the pre-made one will be here in the next few days.

Regards
Graham G7NEH
On 12 May 2013, at 16:51, Fred PA4YBR <fred@...> wrote:

>
> Graham,
>
> You probably want to set the "RSSI Monitor" checkbox in the Mode screen
> of NAWinCFG. This sets the firmware to "new style" I/O pinning, needed
> for that board. One of the I/O pins being remapped is, indeed, the TXDATA
> pin of the GMSK chip :P
>
> Cheers,
>
> Fred
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Graham Pemberton G7NEH
> Sent: Saturday, May 11, 2013 3:22 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Mini Hotspot Rev C board no transmit
>
>
> Hi all,
>
> I have been trying to set up my mini hotspot but am unable to get past the echo test in NATools, I'm sure the lead to the radio (FT-817) is wired correctly and It works fine on the RF read test but when I try the echo test and key the mike on the hand held the 817 goes into transmit for about 2-3 seconds then goes into receive regardless wether I still have the mike keyed on the hand held or not, the red transmit LED does not light up on the board and no audio is received at the hand held.
>
> I would be grateful for any comments or suggestions.

>
> Regards
> Graham G7NEH
>
>
>
>

10094. DVAR Hot Spot help

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-18 20:12:39 UTC
From: RobertB
Topic: 10094 Message: 10094

Good morning all!

My Icom 31a will be arriving next week and I have installed the Moencomm GMSK node adapter.

NaWinTest shows the connection to the adapter is ok.

DVAR Hot Spot allows me to connect "Connected" to various gateways, with blinking green / red lights in the "Gateway" section, and the "Dutch*Star HSA" in the GMSK mode adapter section.

But there is NO info in the Last Gateway User or Last RF User fields.

Shouldn't I have info there?

Any help is appreciated!!

Bob KE6TIV

10095. Motorola GM360

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-19 17:11:36 UTC
From: g1ypq
Topic: 7163 Message: 10095

Hello Group,
looking for any advise help on setting up a hot spot using a UHF Motorola GM360 Here in the UK.....any advise on best GMSK adapter to use with this radio, approx cost to get up and running ...I have power and antenna + the radio.

Regards

Karl de G1YPQ

10096. No TX audio/data on Dutch*Star Mini-Hotspot Rev.B

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-20 08:21:48 UTC
From: gedwilkinson
Topic: 10096 Message: 10096

I have recently aquired a Dutch*Star Mini-Hotspot Rev.B board which I have been trying to set up. Everything appears to be working except I have no TX audio/data coming out of the hotspot board. The basic RF test works fine and it is receiving my D-Star transmissions and the Echo test also seems to be working correctly on receive as it correctly decodes my callsign etc and seems to be recording audio but when it switches to transmit all I receive on my handheld is a blank FM carrier. The tranceiver wiring is correct confirmed by touching the tx audio line which introduces noise onto the transmitted carrier.

Similarly if I connect through to a reflector or gateway the hotpot also seems to work fine correctly decoding data from the gateway, but when it switches the radio to transmit again just a blank FM carrier is transmitted.

So everything seems to be working as expected just no TX audio. It is not the audio TX level adustment on the hotspot board I have tried adjusting that and it is set to maximum, similarly the transceiver 9600 microphone level has been checked and is set correctly. I have also tried it with the 'TX Invert' ticked and unticked. Has anybody got any other suggestions? Have I missed something obvious in the setup? Are there any other test you can suggest to identify where the problem lies.

Thank you in advance for any help or advice the group can offer.

Ged

G4XQL

10097. Kenwood TKR-850 Repeater Build - Looking for DV-RPTR V1 Board w/ Case

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-21 03:18:22 UTC
From: Michael Dye
Topic: 10097 Message: 10097

I'm in process of building a couple of D-Star repeaters for Southern Maryland, US. I have reached out to Bruce at http://dvrptr.net/ to order one but delivery will not occur until the end of June.

I need two, so I'm interested in finding one from someone on the list here if possible, and picking up one from Bruce in June for the second project.

If anyone has one they are willing to sell I would be interested if you could contact me off list.

Also, if anyone is located in Maryland and interested in the project - I am looking for someone local to help with re-tuning the duplexer and radio as I do not have the gear necessary to do it myself. If I cannot find someone local, I'll start looking for gear to take care of it on my own.

Thanks!
Mike Dye - KB3MIZ

10098. RE: [gmsk_dv_node] No TX audio/data on Dutch*Star Mini-Hotspot Rev.B

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-21 20:35:09 UTC
From: Fred PA4YBR
Topic: 10096 Message: 10098

Ged,

If you have a "Rev.B" board, make sure that the "RSSI Monitor" option in the "Mode" screen of NAWinCFG is turned OFF. The symptom you describe would suggest this option is currently ON.

Regards,

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of gedwilkinson
Sent: Monday, May 20, 2013 10:22 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] No TX audio/data on Dutch*Star Mini-Hotspot Rev.B

I have recently aquired a Dutch*Star Mini-Hotspot Rev.B board which I have been trying to set up. Everything appears to be working except I have no TX audio/data coming out of the hotspot board. The basic RF test works fine and it is receiving my D-Star transmissions and the Echo test also seems to be working correctly on receive as it correctly decodes my callsign etc and seems to be recording audio but when it switches to transmit all I receive on my handheld is a blank FM carrier. The tranceiver wiring is correct confirmed by touching the tx audio line which introduces noise onto the transmitted carrier.

Similarly if I connect through to a reflector or gateway the hotpot also seems to work fine correctly decoding data from the gateway, but when it switches the radio to transmit again just a blank FM carrier is transmitted.

So everything seems to be working as expected just no TX audio. It is not the audio TX level adustment on the hotspot board I have tried adjusting that and it is set to maximum, similarly the transceiver 9600 microphone level has been checked and is set correctly. I have also tried it with the 'TX Invert' ticked and unticked. Has anybody got any other suggestions? Have I missed something obvious in the setup? Are there any other test you can suggest to identify where the problem lies.

Thank you in advance for any help or advice the group can offer.

Ged

G4XQL

10099. RE: [gmsk_dv_node] DVAR Hot Spot help

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-21 21:07:07 UTC
From: Fred PA4YBR
Topic: 10094 Message: 10099

Bob,

Yes, if you are connected to such a gateway or reflector, you should see QSO's go by in the "Last Gateway" screen, and, assuming you have been talking to the RF side of your hotspot, your transmissions should have been visible in the "Last RF User" part of the screen...

Regards,

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of RobertB
Sent: Saturday, May 18, 2013 10:13 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] DVAR Hot Spot help

Good morning all!

My Icom 31a will be arriving next week and I have installed the Moencomm GMSK node adapter.

NaWinTest shows the connection to the adapter is ok.

DVAR Hot Spot allows me to connect "Connected" to various gateways, with blinking green / red lights in the "Gateway" section, and the "Dutch*Star HSA" in the GMSK mode adapter section.

But there is NO info in the Last Gateway User or Last RF User fields.

Shouldn't I have info there?

Any help is appreciated!!

Bob KE6TIV

10100. Re: beta firmware for NI20 GMSK modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-22 00:41:47 UTC
From: Peter
Topic: 10090 Message: 10100

I have been to the Dutch Star page, and submitted a request but am not sure if it worked.. is the Beta driver available on this group..

--- In gmsk_dv_node@yahoogroups.com, "Peter" <vk1npw@...> wrote:
>
> G'day all, I am trying to find out if there is some sort of beta firmware to allow the use the G4KLX repeater software and a NI20 GMSK modems.
>
> I have downloaded and am trying to run the WesternDSTAR package on my Rapsberry PI, but it seems not to like the NI20 GMSK modem.
>
> Any Ideas ???
>
> Cheers
>
> Peter
>

10101. Freezing Computer/Switching Server

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-22 10:37:43 UTC
From: jim
Topic: 10101 Message: 10101

computer keeps freezing, then i have to restart it, i have to change from the dutch star server to aa4rc server.....any ideas why this is?...note that this just started a few weeks now, before there were no issues, stand alone have not touch it since it got installed 8 months ago.

10102. Re: [gmsk_dv_node] Re: beta firmware for NI20 GMSK modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-22 10:25:47 UTC
From: Dave-KB1PVH
Topic: 10090 Message: 10102

If it worked, you should have received an email copy of the request. Make sure you include your call sign and Dutch*Star firmware license number with your request.

Dave-KB1PVH

Sent from my Verizon Wireless 4G LTE DROID

Peter <vk1npw@internode.on.net> wrote:

>
>
>I have been to the Dutch Star page, and submitted a request but am not sure if it worked.. is the Beta driver available on this group..
>
>--- In gmsk_dv_node@yahoogroups.com, "Peter" <vk1npw@...> wrote:
>>
>> G'day all, I am trying to find out if there is some sort of beta firmware to allow the use the G4KLX repeater software and a NI20 GMSK modems.
>>
>> I have downloaded and am trying to run the WesternDSTAR package on my Rapsberry PI, but it seems not to like the NI20 GMSK modem.
>>
>> Any Ideas ???
>>
>> Cheers
>>
>> Peter
>>
>
>
>
><!-- #ygrp-mkp { border: 1px solid #d8d8d8; font-family: Arial; margin: 10px 0; padding: 0 10px; } #ygrp-mkp hr { border: 1px solid #d8d8d8; } #ygrp-mkp #hd { color: #628c2a; font-size: 85%; font-weight: 700; line-height: 122%; margin: 10px 0; } #ygrp-mkp #ads { margin-bottom: 10px; } #ygrp-mkp .ad { padding: 0 0; } #ygrp-mkp .ad p { margin: 0; } #ygrp-mkp .ad a { color: #0000ff; text-decoration: none; } #ygrp-sponsor #ygrp-lc { font-family: Arial; } #ygrp-sponsor #ygrp-lc #hd { margin: 10px 0px; font-weight: 700; font-size: 78%; line-height: 122%; } #ygrp-sponsor #ygrp-lc .ad { margin-bottom: 10px; padding: 0 0; } #actions { font-family: Verdana; font-size: 11px; padding: 10px 0; } #activity { background-color: #e0ecee; float: left; font-family: Verdana; font-size: 10px; padding: 10px; } #activity span { font-weight: 700; } #activity span:first-child { text-transform: uppercase; } #activity span a { color: #5085b6; text-decoration: none; } #activity span span { color: #ff7900; } #activity span .underline { text-decoration: underline; } .attach { clear: both; display: table; font-family: Arial; font-size: 12px; padding: 10px 0; width: 400px; } .attach div a { text-decoration: none; } .attach img { border: none; padding-right: 5px; } .attach label { display: block; margin-bottom: 5px; }

.attach label a { text-decoration: none; } blockquote { margin: 0 0 0 4px; } .bold { font-family: Arial; font-size: 13px; font-weight: 700; } .bold a { text-decoration: none; } dd.last p a { font-family: Verdana; font-weight: 700; } dd.last p span { margin-right: 10px; font-family: Verdana; font-weight: 700; } dd.last p span.yshortcuts { margin-right: 0; } div.attach-table div div a { text-decoration: none; } div.attach-table { width: 400px; } div.file-title a, div.file-title a:active, div.file-title a:hover, div.file-title a:visited { text-decoration: none; } div.photo-title a, div.photo-title a:active, div.photo-title a:hover, div.photo-title a:visited { text-decoration: none; } div#ygrp-mlmsg #ygrp-msg p a span.yshortcuts { font-family: Verdana; font-size: 10px; font-weight: normal; } .green { color: #628c2a; } .MsoNormal { margin: 0 0 0 0; } o { font-size: 0; } #photos div { float: left; width: 72px; } #photos div div { border: 1px solid #666666; height: 62px; overflow: hidden; width: 62px; } #photos div label { color: #666666; font-size: 10px; overflow: hidden; text-align: center; white-space: nowrap; width: 64px; } #reco-category { font-size: 77%; } #reco-desc { font-size: 77%; } .replbq { margin: 4px; } #ygrp-actbar div a:first-child { /* border-right: 0px solid #000;*/ margin-right: 2px; padding-right: 5px; } #ygrp-mlmsg { font-size: 13px; font-family: Arial, helvetica,clean, sans-serif; *font-size: small; *font: x-small; } #ygrp-mlmsg table { font-size: inherit; font: 100%; } #ygrp-mlmsg select, input, textarea { font: 99% Arial, Helvetica, clean, sans-serif; } #ygrp-mlmsg pre, code { font:115% monospace; *font-size:100%; } #ygrp-mlmsg * { line-height: 1.22em; } #ygrp-mlmsg #logo { padding-bottom: 10px; } #ygrp-msg p a { font-family: Verdana; } #ygrp-msg p#attach-count span { color: #1E66AE; font-weight: 700; } #ygrp-reco #reco-head { color: #ff7900; font-weight: 700; } #ygrp-reco { margin-bottom: 20px; padding: 0px; } #ygrp-sponsor #ov li a { font-size: 130%; text-decoration: none; } #ygrp-sponsor #ov li { font-size: 77%; list-style-type: square; padding: 6px 0; } #ygrp-sponsor #ov ul { margin: 0; padding: 0 0 0 8px; } #ygrp-text { font-family: Georgia; } #ygrp-text p { margin: 0 0 1em 0; } #ygrp-text tt { font-size: 120%; } #ygrp-vital ul li:last-child { border-right: none !important; } -->

10103. Re: Thorcom RLC290 GMSK Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-23 19:02:53 UTC
From: x2e0vet
Topic: 9997 Message: 10103

Hi
i have just aquired one of the RLC290 modems to try and set up a d-star hotspot, and wondered if I could get a copy of the manual off you. I know this is probably cheeky, but i don't suppose you have a copy of the programming software?

Thanks in advance
Steve

--- In gmsk_dv_node@yahoogroups.com, "g1zpu" <rob@...> wrote:
>
> I have the hardware manual for the RLC290, and the later 292.
> Both use the CML589 GMSK devices and both are FULL duplex capable.
>
> I did ask the technical director of Thorcom about doing a "KISS mode" firmware for it so that it dumps the GMSK data out of the serial port, but he's too busy to contemplate it, and not that interested in DSTAR anyway as it won't earn him any money!!
>
> There is enough processing power on the RLC290 to do a lot of the work that the PC has to do with existing modems. It could conceivably be configured to work as a bit-regen type repeater.
>
> Have you got one to play with?
>
> Rob
> M0ZPU
>
> --- In gmsk_dv_node@yahoogroups.com, "w4mpq" <w4mpq@> wrote:
> >
> > Has anyone looked into using the thorcom RLC290 GMSK MODEM for a d-star hot spot? They were used with Motorola GM340 radios. Looks like it might work.
> > Bob
> >
>

10104. Re: No TX audio/data on Dutch*Star Mini-Hotspot Rev.B

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-24 08:15:32 UTC
From: gedwilkinson
Topic: 10096 Message: 10104

Fred,

Thank you, that was it!

Once I had switched the "RSSI Monitor" off and changed the "TX invert" setting everything burst into life with digital voice modulation on TX.

Really appreciate your advice!

Ged

G4XQL

--- In gmsk_dv_node@yahoogroups.com, "Fred PA4YBR" <fred@...> wrote:
>
> Ged,
>
> If you have a "Rev.B" board, make sure that the "RSSI Monitor" option in
> the "Mode" screen of NAWinCFG is turned OFF. The symptom you
> describe would suggest this option is currently ON.
>
> Regards,
>
> Fred
>

10105. alinco dr-??

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-25 08:10:28 UTC
From: ea8ee
Topic: 10105 Message: 10105

Someone uses the GMSK with Alinco DR-??? and with what results? Tx reversed?

10106. DV -Analog

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-25 08:32:58 UTC
From: ea8ee
Topic: 10106 Message: 10106

I just set up an echolink access using the Jonathan program from the Spanish reflector successfully XRF007B

10107. Thorcom RLC290

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-25 18:48:08 UTC
From: x2e0vet
Topic: 10107 Message: 10107

Hi
I wonder if anyone has tried using the Thorcom RLC290 as a hot spot.

Also I wonder if anyone has a manual or any programming experience of this modem

Thanks in advance
Steve

10108. No TX audio/data on Matrix Circuits Star*Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-25 21:32:43 UTC
From: RobertB
Topic: 10108 Message: 10108

Good afternoon everyone!

I have just received my Icom 31a and have successfully used it at the local repeater for an echolink test.

However, I cannot get my Moen Star*Board that I recently purchased to transmit to it from my Yaesu FT 7900. The baud rate is set at 9600 on the FT 7900. I have carefully followed the instructions, and thoroughly reviewed the group's help with those of similar issues.

I thought I'd go step by step to see where any mistake I have might be.

Jumper Settings

SW1: 1+2 (left and middle pins when looking at pins while reading "SW1" or UP when the board is held with the usb /serial port facing up or away.

SW2: 2+3 (middle and right pins when looking at pins while reading "SW2" or Dn when the board is held with the usb /serial port facing up or away.

SW3: 1+2

SW4: 2+3 (middle and right pins when looking at pins while reading "SW4" or Left when the board is held with the usb /serial port facing up or away.

NaWinCFG (64 bit)

Same settings as on http://www.moencomm.com/SBsettings.htm. (With and without "TX Invert". The board is recognized as "DUTCH*Star HSA V0.1.00F HSFIX".

NaWinTest (32 bit)

Could the 32 bit be the issue? My machine is a 64 bit Windows 7.

The RF I/O Read appears to work. My call appears, RPT 1 and 2 shows Direct. The RSSI meter shows green with S5, the flags shows)) [nul]. There is one green line of numbers near the end of the test. Looks like the RF I/O Read at http://www.k6jm.com/hs-setup.htm .

The RF Echotest showed the same call, rpt, rssi, and flags. When I key my Icom 31 a at the same simplex frequency, my base station shows receipt of the tx, the Echotest shows "recording", and then says "speaking callsign", "playing welcoming message".

Prior to TX with my Icom 31a, the Led 3 is green, and led 1 is a little yellow.

While Txing with the Icom 31a, the led3 is green, led 1 is bright yellow, and led 11 is bright yellow. When my base station is tx back to my ht, led 8 is red.

My base station shows rx and tx, my Icom 31a shows both rx and tx, BUT no sound comes out of the ht Icom 31a.

I have followed the advice at http://www.k6jm.com/hs-setup.htm to go back and check the TX invert setting. No change.

Ladies and Gentlemen, I have tried the make a long transmission and then adjust R36 as the welcome message is being played back. No audio received. (Is lower counterclockwise when the usb port is up and away...?)

Do my jumper settings seem right?

When you config with NaWinCFG (64 bit) to switch the TX Invert is SW 3 on SW3 or on the program pins? I have left it on SW3.

Is NaWinTest (32 bit) the problem as I have a Windows 7 machne 64 bit?

Does the Yaesu ft 7900 have any special settings?

The trimpots are in the middle when holding the board with the usb port on top, away from me.

Which way and how far?

You can see that I am committed to this mode! Any help is appreciated.

73 Bob KE6TIV

10109. Re: [gmsk_dv_node] No TX audio/data on Matrix Circuits Star*Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-25 22:02:56 UTC
From: Ian Wilson
Topic: 10108 Message: 10109

From: RobertB <rb95403@...>
To: gmsk_dv_node@yahoogroups.com
Sent: Saturday, 25 May 2013, 22:32
Subject: [gmsk_dv_node] No TX audio/data on Matrix Circuits Star*Board

Good afternoon everyone!

I have just received my Icom 31a and have successfully used it at the local repeater for an echolink test.

However, I cannot get my Moen Star*Board that I recently purchased to transmit to it from my Yaesu FT 7900. The baud rate is set at 9600 on the FT 7900. I have carefully followed the instructions, and thoroughly reviewed the group's help with those of similar issues.

I thought I'd go step by step to see where any mistake I have might be.

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SW3: 1+2

SW4: 2+3 (middle and right pins when looking at pins while reading "SW4" or Left when the board is held with the usb /serial port facing up or away.

NaWinCFG (64 bit)

Same settings as on http://www.moencomm.com/SBsettings.htm. (With and without "TX Invert". The board is recognized as "DUTCH*Star HSA V0.1.00F HSFIX".

You need the beta version, available from Fred at http://www.dutch-star.eu/index.aspx
He'll send it to you if you quote your registration number.
Cheers..

NaWinTest (32 bit)

Could the 32 bit be the issue? My machine is a 64 bit Windows 7.

The RF I/O Read appears to work. My call appears, RPT 1 and 2 shows Direct. The RSSI meter shows green with S5, the flags shows)) [nul]. There is one green line of numbers near the end of the test. Looks like the RF I/O Read at http://www.k6jm.com/hs-setup.htm .

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"recording", and then says "speaking callsign", "playing welcoming message".

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Ladies and Gentlemen, I have tried the make a long transmission and then adjust R36 as the welcome message is being played back. No audio received. (Is lower counterclockwise when the usb port is up and away...?)

Do my jumper settings seem right?

When you config with NaWinCFG (64 bit) to switch the TX Invert is SW 3 on SW3 or on the program pins? I have left it on SW3.

Is NaWinTest (32 bit) the problem as I have a Windows 7 machne 64 bit?

Does the Yaesu ft 7900 have any special settings?

The trimpots are in the middle when holding the board with the usb port on top, away from me.

Which way and how far?

You can see that I am committed to this mode! Any help is appreciated.

73 Bob KE6TIV

10110. RE: [gmsk_dv_node] Motorola GM360

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-26 00:54:17 UTC
From: J. M. Moen
Topic: 7163 Message: 10110

My personal experience is that all currently available GMSK modems work well in hotspot or full duplex repeater service. You can check the main web page for this group at http://groups.yahoo.com/group/gmsk_dv_node/ for links to the various vendors of GMSK modems.

I have a web page that gives an overview of setting up a hotspot -- http://www.k6jm.com/hs-setup.htm

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of g1ypq
Sent: Sunday, May 19, 2013 10:12 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Motorola GM360
Hello Group,
looking for any advise help on setting up a hot spot using a UHF Motorola GM360 Here in the UK.....any advise on best GMSK adapter to use with this radio, approx cost to get up and running ...I have power and antenna + the radio.

Regards

Karl de G1YPQ

10111. RE: [gmsk_dv_node] alinco dr-??

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-26 00:59:26 UTC
From: J. M. Moen
Topic: 10105 Message: 10111

I have a DR-135T MkIII. The most recent Alincos don't do GMSK well as shipped. I found a simple mod that gets it to work in hotspot service, though the author of the mod believes the result isn't perfect and did some additional changes to his.

Mine works ok with just the mod. If you have really good ears, it's possible you would agree with the above ham, but it's fine to my ears.

On mine, I do have to set TX Invert.

If you like, I can republish the mod here. Please let me know.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of ea8ee
Sent: Saturday, May 25, 2013 1:10 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] alinco dr-??

Someone uses the GMSK with Alinco DR-??? and with what results? Tx reversed?

10112. RE: [gmsk_dv_node] DV -Analog

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-26 05:05:17 UTC
From: J. M. Moen
Topic: 10106 Message: 10112

If I read your post correctly, you are merging analog echolink connections into XRF007B. Do I understand that right?

I am interested in how others view the combining of analog and D-Star DV. As I understand it, the Canadian XRF005 reflector has a module where this is also done.

I understand some don't like analog reflectors' beep and boops to be sent out to D-Star reflectors, and of course, some analog signals will be noisy as the user gets far from the antenna. Some D-Star users don't care for that on their DV reflectors.

Another issue is that of callsign. Ignoring Echolink and IRLP for a moment, it would be possible to set up a scheme to "register" users of an analog repeater and associate the user's callsign to a unique PL tone. Each user would program their radio to use "their" PL tone. While there are a limited number of PL tone possibilities, it would be feasible for those few users who wanted to participate on a D-Star reflector. The analog repeater software would apply the correct callsign to the analog transmission as it was sent to a D-Star repeater. Users who transmitted the repeater's standard PL tone would not be forwarded to the linked-to D-Star repeater.

So if all the analog repeater beeps were shut off, and if we knew the user's callsign based on PL tone, in general, how do people feel about allowing such an analog repeater to link into a D-Star reflector?

(I have no idea how the authors of the various linking systems would feel about this. I'm asking this here to learn how users might feel about it.)

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of ea8ee
Sent: Saturday, May 25, 2013 1:33 AM
To: pcrepeatercontroller@yahoogroups.com; gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] DV -Analog

I just set up an echolink access using the Jonathan program from the Spanish reflector successfully XRF007B

10113. Re: [gmsk_dv_node] DV -Analog

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-26 05:47:33 UTC
From: Tony Langdon
Topic: 10106 Message: 10113

On 26/05/13 3:05 PM, J. M. Moen wrote:
> RE: [gmsk_dv_node] DV -Analog
>
> If I read your post correctly, you are merging analog echolink
> connections into XRF007B. Do I understand that right?
>
If you ask me, he's done it the best way possible - using a reflector as the cross connection point, and an XRF at that. Using a reflector means only people who _choose_ to connect will get the cross link (other than corner cases, such as incoming CCS links). People won't be "surprised" by an unexpected connection from Echolink. Secondly, the use of an XRF reflector is very appropriate, since the XRF reflectors are the most "independent" of the options available. Anyone can set one up and then decide on their usage policies.

I support the setup. If you don't like the idea, simple, don't link up to XRF007B, and it won't affect you! :)
>
> I am interested in how others view the combining of analog and D-Star
> DV. As I understand it, the Canadian XRF005 reflector has a module
> where this is also done.
>
The Canadian one has been up for years, works very well.
>
> I understand some don't like analog reflectors' beep and boops to be
> sent out to D-Star reflectors, and of course, some analog signals will
> be noisy as the user getsfar from the antenna. Some D-Star users
> don't care for that on their DV reflectors.
>
> Another issue is that of callsign. Ignoring Echolink and IRLP for a
> moment, it would be possible to set up a scheme to"register" users of
> an analog repeater and associate the user's callsign to a unique PL
> tone. Each user would program their radio to use"their" PL tone.
> While there are a limited number of PL tone possibilities, it would be
> feasible for those few users who wanted to participate on a D-Star
> reflector.The analogrepeater softwarewouldapply the correctcallsign to
> the analog transmission as it was sent to a D-Star repeater. Users who
> transmitted the repeater's standard PL tone would not be forwarded to
> the linked-to D-Star repeater.
>
Given that we're talking about dedicated reflectors here, a better idea is for all stations (FM and D-STAR) to simply ID in the traditional FM way, while connected to a known bridge. :) As for the beeps and stuff, well, that's an issue on Echolink, and you'll never get it sorted, some people just don't see it's worth investing that extra bit of effort to

fix the problem.

--
73 de Tony VK3JED
http://vkradio.com

10114. Re: [gmsk_dv_node] DV -Analog

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-26 05:53:06 UTC
From: gary.k7ek@yahoo.com
Topic: 10114 Message: 10114
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

10115. Re: [gmsk_dv_node] alinco dr-??

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-26 08:38:58 UTC
From: ea8ee
Topic: 10105 Message: 10115

I have the same rig the DR135MKIII , please if possible to send the mod?
Thanks in advance

2013/5/26 J. M. Moen <jim@...>

> **
>
>
> **
>
> I have a DR-135T MkIII. The most recent Alincos don’t do GMSK well as
> shipped. I found a simple mod that gets it to work in hotspot service,
> though the author of the mod believes the result isn’t perfect and did
> some additional changes to his.
>
> Mine works ok with just the mod. If you have really good ears, it’s
> possible you would agree with the above ham, but it’s fine to my ears.
>
> On mine, I do have to set TX Invert.
>
> If you like, I can republish the mod here. Please let me know.
>
> Jim – K6JM
>
> ***From:* gmsk_dv_node@yahoogroups.com [
> mailto:gmsk_dv_node@yahoogroups.com <gmsk_dv_node@yahoogroups.com>]*** On
> Behalf Of* ea8ee
> ***Sent:* Saturday, May 25, 2013 1:10 AM
> ***To:* gmsk_dv_node@yahoogroups.com
> ***Subject:* [gmsk_dv_node] alinco dr-??
>
>
>
> Someone uses the GMSK with Alinco DR-??? and with what results? Tx reversed
> ?
>
>
>

10116. Re: alinco dr-??

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-26 19:15:09 UTC
From: John D. Hays
Topic: 10105 Message: 10116

Jim,

I like the mod for the DR-135 as well.

John D. Hays
K7VE
PO Box 1223, Edmonds, WA 98020-1223
<http://k7ve.org/blog> <http://twitter.com/#!/john_hays>
<http://www.facebook.com/john.d.hays>

10117. Re: [gmsk_dv_node] DV -Analog

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-27 00:56:05 UTC
From: Storer, Darren
Topic: 10106 Message: 10117

Hi Jim,

as you are undoubtedly aware, linking to/from analogue systems is not a new topic; back at the end of 2008 there was quite a bit of activity - not all of it was welcomed.

In early 2009 REF015 was designated the multimedia dplus reflector, where users could experiment with data (Eg. Dongle to Dongle and keyboard to keyboard) and analogue modes.

73 de Darren
G7LWT

On 26 May 2013 06:05, J. M. Moen <jim@...> wrote:

> **
>
>
> **
>
> If I read your post correctly, you are merging analog echolink connections
> into XRF007B. Do I understand that right?
>
> I am interested in how others view the combining of analog and D-Star DV.
> As I understand it, the Canadian XRF005 reflector has a module where this
> is also done.
>
> I understand some don’t like analog reflectors’ beep and boops to be sent
> out to D-Star reflectors, and of course, some analog signals will be noisy
> as the user gets far from the antenna. Some D-Star users don’t care for
> that on their DV reflectors.
>
> Another issue is that of callsign. Ignoring Echolink and IRLP for a
> moment, it would be possible to set up a scheme to “register” users of an
> analog repeater and associate the user’s callsign to a unique PL tone.
> Each user would program their radio to use “their” PL tone. While there
> are a limited number of PL tone possibilities, it would be feasible for
> those few users who wanted to participate on a D-Star reflector. The
> analog repeater software would apply the correct callsign to the analog
> transmission as it was sent to a D-Star repeater. Users who transmitted
> the repeater’s standard PL tone would not be forwarded to the linked-to
> D-Star repeater.
>
> So if all the analog repeater beeps were shut off, and if we knew the
> user’s callsign based on PL tone, in general, how do people feel about
> allowing such an analog repeater to link into a D-Star reflector?

>
> (I have no idea how the authors of the various linking systems would feel
> about this. I’m asking this here to learn how users might feel about it.)
>
> Jim – K6JM
>
> ***From:* gmsk_dv_node@yahoogroups.com [
> mailto:gmsk_dv_node@yahoogroups.com <gmsk_dv_node@yahoogroups.com>]*** On
> Behalf Of* ea8ee
> ***Sent:* Saturday, May 25, 2013 1:33 AM
> ***To:* pcrepeatercontroller@...m; gmsk_dv_node@yahoogroups.com
> ***Subject:* [gmsk_dv_node] DV –Analog
>
>
>
> I just set up an echolink access using the Jonathan program from the
> Spanish reflector successfully XRF007B
>
>
>

10118. Re: [gmsk_dv_node] DV -Analog

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-27 03:05:07 UTC
From: Matthew Pitts
Topic: 10106 Message: 10118

Darren,

I suspect that's one reason that DExtra reflectors came into existence. I know of at least a half dozen that are linked together and have associated analog bridges in place bringing together not only analog and D-Star, but also MotoTRBO and possibly NXDN. In fact, one of them is mine, with AllStar Link and Echolink in place; I'm working with the trustee of one of the clubs I'm a member of to allow temporary linkage of their analog repeater from my system and have the other club's Echolink node linked in now, with his consent.

Matthew Pitts
N8OHU

Sent from Yahoo! Mail on Android

10119. Re: [gmsk_dv_node] DV -Analog

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-27 03:21:59 UTC
From: Storer, Darren
Topic: 10106 Message: 10119

Hi Matthew,

hmmm, you think that the provision of REF015 (multimedia reflector) was the reason that DExtra reflectors came into existence? Interesting theory but I'm not sure that I can join the dots :-)

What I do know is that linking things together is great fun, which is very much in the spirit of ham radio and experimentation. Having said that, there's a time and a place for experimentation; it can not justify upsetting others, so working together with play zones where anything goes is a great compromise that seems to have kept everyone happy for a number of years now (whether you are using dplus/XRF/DCS etc.).

I'm sure that you would agree that It's important to recognise and respect the wishes of others...

73 de Darren
G7LWT

On 27 May 2013 04:05, Matthew Pitts <daywalker_blade_2004@...> wrote:

> **
>
>
> Darren,
>
> I suspect that's one reason that DExtra reflectors came into existence. I
> know of at least a half dozen that are linked together and have associated
> analog bridges in place bringing together not only analog and D-Star, but
> also MotoTRBO and possibly NXDN. In fact, one of them is mine, with AllStar
> Link and Echolink in place; I'm working with the trustee of one of the
> clubs I'm a member of to allow temporary linkage of their analog repeater
> from my system and have the other club's Echolink node linked in now, with
> his consent.
>
> Matthew Pitts
> N8OHU
>
> Sent from Yahoo! Mail on Android
>
> ---------------------------
> * From: * Storer, Darren <darren.storer@...>;
> * To: * <gmsk_dv_node@yahoogroups.com>;
> * Subject: * Re: [gmsk_dv_node] DV -Analog
> * Sent: * Mon, May 27, 2013 12:56:05 AM
>

>
>
> Hi Jim,
>
> as you are undoubtedly aware, linking to/from analogue systems is not a
> new topic; back at the end of 2008 there was quite a bit of activity - not
> all of it was welcomed.
>
> In early 2009 REF015 was designated the multimedia dplus reflector, where
> users could experiment with data (Eg. Dongle to Dongle and keyboard to
> keyboard) and analogue modes.
>
> 73 de Darren
> G7LWT
>
> On 26 May 2013 06:05, J. M. Moen <jim@...> wrote:
>
>> **
>>
>>
>> **
>>
>> If I read your post correctly, you are merging analog echolink
>> connections into XRF007B. Do I understand that right?
>>
>> I am interested in how others view the combining of analog and D-Star
>> DV. As I understand it, the Canadian XRF005 reflector has a module where
>> this is also done.
>>
>> I understand some don’t like analog reflectors’ beep and boops to be sent
>> out to D-Star reflectors, and of course, some analog signals will be noisy
>> as the user gets far from the antenna. Some D-Star users don’t care for
>> that on their DV reflectors.
>>
>> Another issue is that of callsign. Ignoring Echolink and IRLP for a
>> moment, it would be possible to set up a scheme to “register” users of
>> an analog repeater and associate the user’s callsign to a unique PL tone.
>> Each user would program their radio to use “their” PL tone. While there
>> are a limited number of PL tone possibilities, it would be feasible for
>> those few users who wanted to participate on a D-Star reflector. The
>> analog repeater software would apply the correct callsign to the analog
>> transmission as it was sent to a D-Star repeater. Users who
>> transmitted the repeater’s standard PL tone would not be forwarded to the
>> linked-to D-Star repeater.
>>
>> So if all the analog repeater beeps were shut off, and if we knew the
>> user’s callsign based on PL tone, in general, how do people feel about
>> allowing such an analog repeater to link into a D-Star reflector?
>>
>> (I have no idea how the authors of the various linking systems would feel

>> about this. I’m asking this here to learn how users might feel about
>> it.)
>>
>> Jim – K6JM
>>
>> ***From:* gmsk_dv_node@yahoogroups.com [
>> mailto:gmsk_dv_node@yahoogroups.com]*** On Behalf Of* ea8ee
>> ***Sent:* Saturday, May 25, 2013 1:33 AM
>> ***To:* pcrepeatercontroller@yahoogroups.com;
>> gmsk_dv_node@yahoogroups.com
>> ***Subject:* [gmsk_dv_node] DV –Analog
>>
>>
>>
>> I just set up an echolink access using the Jonathan program from the
>> Spanish reflector successfully XRF007B
>>
>>
>
>

10120. Re: [gmsk_dv_node] DV -Analog

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-27 03:25:16 UTC
From: Storer, Darren
Topic: 10106 Message: 10120

PS. I gave a brief talk about intelligently linking D-STAR, /\/\otoTRBO, IDAS/NXDN, TETRA and P25 at Friedrichshafen last year. The subject of protocol agnostic repeaters was also covered. With recent developments in Germany, we are moving closer to this concept quite quickly... There's a lot of fun ahead linking fans!

On 27 May 2013 04:21, Storer, Darren <darren.storer@gmail.com> wrote:

> Hi Matthew,
>
> hmmm, you think that the provision of REF015 (multimedia reflector) was
> the reason that DExtra reflectors came into existence? Interesting theory
> but I'm not sure that I can join the dots :-)
>
> What I do know is that linking things together is great fun, which is very
> much in the spirit of ham radio and experimentation. Having said that,
> there's a time and a place for experimentation; it can not justify
> upsetting others, so working together with play zones where anything goes
> is a great compromise that seems to have kept everyone happy for a number
> of years now (whether you are using dplus/XRF/DCS etc.).
>
> I'm sure that you would agree that It's important to recognise and respect
> the wishes of others...
>
> 73 de Darren
> G7LWT
>
> On 27 May 2013 04:05, Matthew Pitts <daywalker_blade_2004@...>wrote:
>
>> **
>>
>>
>> Darren,
>>
>> I suspect that's one reason that DExtra reflectors came into existence. I
>> know of at least a half dozen that are linked together and have associated
>> analog bridges in place bringing together not only analog and D-Star, but
>> also MotoTRBO and possibly NXDN. In fact, one of them is mine, with AllStar
>> Link and Echolink in place; I'm working with the trustee of one of the
>> clubs I'm a member of to allow temporary linkage of their analog repeater
>> from my system and have the other club's Echolink node linked in now, with
>> his consent.
>>
>> Matthew Pitts
>> N8OHU

>>
>> Sent from Yahoo! Mail on Android
>>
>> ------------------------------
>> * From: * Storer, Darren <darren.storer@...>;
>> * To: * <gmsk_dv_node@yahoogroups.com>;
>> * Subject: * Re: [gmsk_dv_node] DV -Analog
>> * Sent: * Mon, May 27, 2013 12:56:05 AM
>>
>>
>>
>> Hi Jim,
>>
>> as you are undoubtedly aware, linking to/from analogue systems is not a
>> new topic; back at the end of 2008 there was quite a bit of activity - not
>> all of it was welcomed.
>>
>> In early 2009 REF015 was designated the multimedia dplus reflector, where
>> users could experiment with data (Eg. Dongle to Dongle and keyboard to
>> keyboard) and analogue modes.
>>
>> 73 de Darren
>> G7LWT
>>
>> On 26 May 2013 06:05, J. M. Moen <jim@...> wrote:
>>
>>> **
>>>
>>>
>>> **
>>>
>>> If I read your post correctly, you are merging analog echolink
>>> connections into XRF007B. Do I understand that right?
>>>
>>> I am interested in how others view the combining of analog and D-Star
>>> DV. As I understand it, the Canadian XRF005 reflector has a module where
>>> this is also done.
>>>
>>> I understand some don’t like analog reflectors’ beep and boops to be
>>> sent out to D-Star reflectors, and of course, some analog signals will be
>>> noisy as the user gets far from the antenna. Some D-Star users don’t
>>> care for that on their DV reflectors.
>>>
>>> Another issue is that of callsign. Ignoring Echolink and IRLP for a
>>> moment, it would be possible to set up a scheme to “register” users of
>>> an analog repeater and associate the user’s callsign to a unique PL tone.
>>> Each user would program their radio to use “their” PL tone. While there
>>> are a limited number of PL tone possibilities, it would be feasible for
>>> those few users who wanted to participate on a D-Star reflector. The
>>> analog repeater software would apply the correct callsign to the analog

>>> transmission as it was sent to a D-Star repeater. Users who
>>> transmitted the repeater’s standard PL tone would not be forwarded to the
>>> linked-to D-Star repeater.
>>>
>>> So if all the analog repeater beeps were shut off, and if we knew the
>>> user’s callsign based on PL tone, in general, how do people feel about
>>> allowing such an analog repeater to link into a D-Star reflector?
>>>
>>> (I have no idea how the authors of the various linking systems would
>>> feel about this. I’m asking this here to learn how users might feel
>>> about it.)
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>>> Jim – K6JM
>>>
>>> ***From:* gmsk_dv_node@yahoogroups.com [
>>> mailto:gmsk_dv_node@yahoogroups.com]*** On Behalf Of* ea8ee
>>> ***Sent:* Saturday, May 25, 2013 1:33 AM
>>> ***To:* pcrepeatercontroller@yahoogroups.com;
>>> gmsk_dv_node@yahoogroups.com
>>> ***Subject:* [gmsk_dv_node] DV –Analog
>>>
>>>
>>>
>>> I just set up an echolink access using the Jonathan program from the
>>> Spanish reflector successfully XRF007B
>>>
>>>
>>
>>
>
>

10121. Re: [gmsk_dv_node] DV -Analog

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-27 03:36:33 UTC
From: Matthew Pitts
Topic: 10106 Message: 10121

Darren,

That wasn't exactly what I meant; some people disliked the limitations placed on them by the powers that be (one reflector only when analog bridges are part of the protocol specifications?), so an alternative was created. I suspect that was those users way of respecting people's wishes. And yes, I know about the MotoTRBO repeater on DCS001V, having seen the debate in the MOTOTRBO Yahoo Group when it first was switched over; I've been in contact with Hans about the tech behind that, in fact.

Matthew Pitts
N8OHU

Sent from Yahoo! Mail on Android

10122. Re: [gmsk_dv_node] DV -Analog

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-27 03:47:18 UTC
From: Tony Langdon
Topic: 10106 Message: 10122

On 27/05/13 1:21 PM, Storer, Darren wrote:
>
>
> Hi Matthew,
>
> hmmm, you think that the provision of REF015 (multimedia reflector)
> was the reason that DExtra reflectors came into existence? Interesting
> theory but I'm not sure that I can join the dots :-)
I think Matt is saying it was all the angst around analogue linking that brought around the introduction of DExtra. I for one disagree with Robin having ultimate say over what goes on reflector channels. As far as I'm concerned, I should be able to decide what traffic goes on my system, but the way the DPlus reflectors are run, that's not possible without potentially causing issues, so I play ball for now on DPlus (my reflector is popular among some of the locals), and I have an XRF that I can do as I please with, which is where any future analogue linking will take place on my server, because there are no political or administrative barriers (other than some quirky legal issues which can be sidestepped with appropriate choice of bands on the analogue side).
>
> What I do know is that linking things together is great fun, which is
> very much in the spirit of ham radio and experimentation. Having said
> that, there's a time and a place for experimentation; it can not
> justify upsetting others, so working together with play zones where
> anything goes is a great compromise that seems to have kept everyone
> happy for a number of years now (whether you are using dplus/XRF/DCS
> etc.).
The provision of REF015, while welcome is also limiting, because cross links work best when ALL network interconnects are owned by the one person. That avoids having to negotiate any changes or disagreements. In my case, where is also the latency and reliability of sending the data halfway around the world and back.

I have no idea about the politics of crosslinking DCS reflectors with other media/modes. I don't own one, and haven't investigated the issues. As I said above, I'm not keen on using someone else's system for this sort of purpose, unless my role is simply assisting the reflector owner to implement the link for their own purposes (so they make all the linking decisions).
>
> I'm sure that you would agree that It's important to recognise and
> respect the wishes of others...
Agree totally. I have written on this in the past, starting way back in the early IRLP/Echolink days, and updated for D-STAR several years ago.

--
73 de Tony VK3JED
http://vkradio.com

10123. Re: [gmsk_dv_node] DV -Analog

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-27 04:00:53 UTC
From: Storer, Darren
Topic: 10106 Message: 10123

Hi Tony,

it's good to hear from you. All points noted and agreed.

Something else to be aware of is that REF015 was the original multimedia reflector but there are now many dplus reflectors that are now used for EchoLink and other forms of bridging. The important principle is the use of dedicated (agreed) resources for interworking, rather than jumping on established digital nets, where the natives get rather torqued up about the analogue "invasion".

In this way, those that don't want to participate in advanced linking experiments, don't have to join in by avoiding the reflectors that support non-D-STAR modes. We don't hear any complaints on the lists these days, so the arrangements must be working well.

73 de Darren
G7LWT

On 27 May 2013 04:47, Tony Langdon <vk3jed@...> wrote:

> **
>
>
> On 27/05/13 1:21 PM, Storer, Darren wrote:
>
> Hi Matthew,
>
> hmmm, you think that the provision of REF015 (multimedia reflector) was
> the reason that DExtra reflectors came into existence? Interesting theory
> but I'm not sure that I can join the dots :-)
>
> I think Matt is saying it was all the angst around analogue linking that
> brought around the introduction of DExtra. I for one disagree with Robin
> having ultimate say over what goes on reflector channels. As far as I'm
> concerned, I should be able to decide what traffic goes on my system, but
> the way the DPlus reflectors are run, that's not possible without
> potentially causing issues, so I play ball for now on DPlus (my reflector
> is popular among some of the locals), and I have an XRF that I can do as I
> please with, which is where any future analogue linking will take place on
> my server, because there are no political or administrative barriers (other
> than some quirky legal issues which can be sidestepped with appropriate
> choice of bands on the analogue side).
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> What I do know is that linking things together is great fun, which is

> very much in the spirit of ham radio and experimentation. Having said that,
> there's a time and a place for experimentation; it can not justify
> upsetting others, so working together with play zones where anything goes
> is a great compromise that seems to have kept everyone happy for a number
> of years now (whether you are using dplus/XRF/DCS etc.).
>
> The provision of REF015, while welcome is also limiting, because cross
> links work best when ALL network interconnects are owned by the one
> person. That avoids having to negotiate any changes or disagreements. In
> my case, where is also the latency and reliability of sending the data
> halfway around the world and back.
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> I have no idea about the politics of crosslinking DCS reflectors with
> other media/modes. I don't own one, and haven't investigated the issues.
> As I said above, I'm not keen on using someone else's system for this sort
> of purpose, unless my role is simply assisting the reflector owner to
> implement the link for their own purposes (so they make all the linking
> decisions).
>
>
> I'm sure that you would agree that It's important to recognise and
> respect the wishes of others...
>
> Agree totally. I have written on this in the past, starting way back in
> the early IRLP/Echolink days, and updated for D-STAR several years ago.
>
>
> --
> 73 de Tony VK3JEDhttp://vkradio.com
>
>
>

10124. RE: [gmsk_dv_node] DV -Analog

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-27 04:29:31 UTC
From: J. M. Moen
Topic: 10106 Message: 10124

Thanks to all who posted on this topic. I kind of expected to hear negative comments about analog systems being linked to D-Star systems. I have heard them before and was hoping to better understand why people are against that. But instead we got some enthusiastic accounts of various such activities and experiments.

I completely buy into the idea that people don't have to link to a reflector that publically states it accepts analog systems. And if such connections were easy to establish during emergencies, there would be substantial benefits in my opinion.

Simple schemes to connect analog into D-Star reflectors without a way to associate a callsign with the analog transmission are clearly good for basic communications. I guess I would prefer a scheme to deal with callsigns, but of course it's not necessary.

Thanks for all the comments.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of J. M. Moen
Sent: Saturday, May 25, 2013 10:05 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] DV -Analog
If I read your post correctly, you are merging analog echolink connections into XRF007B. Do I understand that right?
I am interested in how others view the combining of analog and D-Star DV. As I understand it, the Canadian XRF005 reflector has a module where this is also done.
I understand some don't like analog reflectors' beep and boops to be sent out to D-Star reflectors, and of course, some analog signals will be noisy as the user gets far from the antenna. Some D-Star users don't care for that on their DV reflectors.
Another issue is that of callsign. Ignoring Echolink and IRLP for a moment, it would be possible to set up a scheme to "register" users of an analog repeater and associate the user's callsign to a unique PL tone. Each user would program their radio to use "their" PL tone. While there are a limited number of PL tone possibilities, it would be feasible for those few users who wanted to participate on a D-Star reflector. The analog repeater software would apply the correct callsign to the analog transmission as it was sent to a D-Star repeater. Users who transmitted the repeater's standard PL tone would not be forwarded to the linked-to D-Star repeater.
So if all the analog repeater beeps were shut off, and if we knew the user's callsign based on PL tone, in general, how do people feel about allowing such an analog repeater to link into a D-Star reflector?

(I have no idea how the authors of the various linking systems would feel about this. I'm asking this here to learn how users might feel about it.)
Jim - K6JM
From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of ea8ee
Sent: Saturday, May 25, 2013 1:33 AM
To: pcrepeatercontroller@yahoogroups.com; gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] DV -Analog
I just set up an echolink access using the Jonathan program from the Spanish reflector successfully XRF007B

10125. Re: [gmsk_dv_node] DV -Analog

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-27 05:04:27 UTC
From: Tony Langdon
Topic: 10106 Message: 10125

On 27/05/13 2:00 PM, Storer, Darren wrote:
>
>
> Hi Tony,
>
> it's good to hear from you. All points noted and agreed.
>
> Something else to be aware of is that REF015 was the original
> multimedia reflector but there are now many dplus reflectors that are
> now used for EchoLink and other forms of bridging. The important
> principle is the use of dedicated (agreed) resources for interworking,
> rather than jumping on established digital nets, where the natives get
> rather torqued up about the analogue "invasion".
Yep, that's exactly what I've been advocating. However, I am unaware of Robin's change of policy, because a few years ago, he said REF015 was the only place for that sort of experimentation, even though I wanted to dedicate a channel (REF023A) to such experimentation, while REF023B and C would remain D-STAR only, which was to be advertised on the reflector's page (it is actually!). I have not heard of any changes to this policy for DPlus reflectors.

http://dstar.vkradio.com
>
> In this way, those that don't want to participate in advanced linking
> experiments, don't have to join in by avoiding the reflectors that
> support non-D-STAR modes. We don't hear any complaints on the lists
> these days, so the arrangements must be working well.
Same as how IRLP and Echolink peacefully coexist. Interestingly, I had few responses to my recommendations on this, but they have effectively been adopted over time. :)

The original IRLP/Echolink version: http://vkradio.com/irlp-echolink.html

The D-STAR version: http://vk3jed.blogspot.com.au/2008/11/d-star-irlpecholink-interoperability.html . Note that this predates Jonathan's repeater software, which offers a better way to create a multi system node (a la EchoIRLP), and any reflector bridging done these days, I'd probably use G4KLX software again (Dummyrepeater, etc). :) The advent of low powered, inexpensive computing platforms such as the Raspberry Pi also increases the options. Parts of the system could be economically run on separate machines, with suitable communication between them over the LAN.

--
73 de Tony VK3JED
http://vkradio.com

10126. Re: DV -Analog

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-27 11:59:01 UTC
From: repeater.group
Topic: 10106 Message: 10126

I don't really see analogue links as an issue. Though i can understand if some do...

I have my Digi reptr cross linked to echolink, but its kept local, no analogue audio is sent out over the digital network. The incoming e/link stations are only permitted with PC users, i have prevented gateways and repeater links (except our local ana. box) from entering the digi reptr. in an attempt to try and maintain the audio quality, This setup allows hams locally to talk to us digital guys. as we can "put up with" their ana. signals, As for callsign display off the radio, there is none, the guys simply state their call signs as they would on any ana. system

Andrew. M1DNS.

--- In gmsk_dv_node@yahoogroups.com, "Storer, Darren" <darren.storer@...> wrote:
>
> Hi Jim,
>
> as you are undoubtedly aware, linking to/from analogue systems is not a new
> topic; back at the end of 2008 there was quite a bit of activity - not all
> of it was welcomed.
>
> In early 2009 REF015 was designated the multimedia dplus reflector, where
> users could experiment with data (Eg. Dongle to Dongle and keyboard to
> keyboard) and analogue modes.
>
> 73 de Darren
> G7LWT
>
> On 26 May 2013 06:05, J. M. Moen <jim@...> wrote:
>
> > **
> >
> >
> > **
> >
> > If I read your post correctly, you are merging analog echolink connections
> > into XRF007B. Do I understand that right?
> >
> > I am interested in how others view the combining of analog and D-Star DV.
> > As I understand it, the Canadian XRF005 reflector has a module where this
> > is also done.
> >
> > I understand some donâ☐☐t like analog reflectorsâ☐☐ beep and boops to be sent
> > out to D-Star reflectors, and of course, some analog signals will be noisy
> > as the user gets far from the antenna. Some D-Star users donâ☐☐t care for
> > that on their DV reflectors.

> >
> > Another issue is that of callsign. Ignoring Echolink and IRLP for a
> > moment, it would be possible to set up a scheme to â□□registerâ□□ users of an
> > analog repeater and associate the userâ□□s callsign to a unique PL tone.
> > Each user would program their radio to use â□□theirâ□□ PL tone. While there
> > are a limited number of PL tone possibilities, it would be feasible for
> > those few users who wanted to participate on a D-Star reflector. The
> > analog repeater software would apply the correct callsign to the analog
> > transmission as it was sent to a D-Star repeater. Users who transmitted
> > the repeaterâ□□s standard PL tone would not be forwarded to the linked-to
> > D-Star repeater.
> >
> > So if all the analog repeater beeps were shut off, and if we knew the
> > userâ□□s callsign based on PL tone, in general, how do people feel about
> > allowing such an analog repeater to link into a D-Star reflector?
> >
> > (I have no idea how the authors of the various linking systems would feel
> > about this. Iâ□□m asking this here to learn how users might feel about it.)
> >
> > Jim â□" K6JM

10127. Invalid R1

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-27 22:05:45 UTC
From: wh6diq_richard_in_honolulu
Topic: 10127 Message: 10127

Aloha,

Today when I try to use the dvap with WINDV 1.5.2 I am able to connect and can receive station audio, and info on the screen, but when I hit the key to transmit on my 92AD I get a red error message at the bottom of the screen about an invalid R1 setting.

UR: CQCQCQ
R1: (blank)
R2: Not Use
My: WH6DIQ A

Never had this problem previously, and I can use the dvap tool, manually changing the radio setting for UR to link/unlink, with R1/R2 same as above for connecting to reflectors. All works as it should.

What has happened?

73
wh6diq

10128. RE: [gmsk_dv_node] Invalid R1

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-27 22:36:32 UTC
From: J. M. Moen
Topic: 10127 Message: 10128

The DVAP experts will know better than I, but remember in simplex mode D-Star radios ignore what's in RPT1 and RPT2 and send "DIRECT" for both.

If somehow you accidentally changed the Settings screen and checked the "Check for valid RPT1 on RF calls" box, you would get that error. If it's checked, then just uncheck it and try again.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of wh6diq_richard_in_honolulu
Sent: Monday, May 27, 2013 3:06 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Invalid R1
Aloha,

Today when I try to use the dvap with WINDV 1.5.2 I am able to connect and can receive station audio, and info on the screen, but when I hit the key to transmit on my 92AD I get a red error message at the bottom of the screen about an invalid R1 setting.

UR: CQCQCQ
R1: (blank)
R2: Not Use
My: WH6DIQ A

Never had this problem previously, and I can use the dvap tool, manually changing the radio setting for UR to link/unlink, with R1/R2 same as above for connecting to reflectors. All works as it should.

What has happened?

73
wh6diq

10129. Re: [gmsk_dv_node] Invalid R1

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-27 22:54:07 UTC
From: Ian Foord
Topic: 10127 Message: 10129
Attachments: 1 described; binary payloads are missing from this source WARC

Hi your radio should be set as this .

UR: CQCQCQ
R1:WH6DIG C
R2:WH6DIQ G
MY:WH6DIQ (NO A)

Then set the radio for + (or -) shift and set the offset to 0.0mhz
you have to do this or R1 and R2 will not be set right .

Ian G0TJH

-------Original Message-------

From: wh6diq_richard_in_honolulu
Date: 05/27/13 23:05:49
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Invalid R1

Aloha,

Today when I try to use the dvap with WINDV 1.5.2 I am able to connect and
can receive station audio, and info on the screen, but when I hit the key to
transmit on my 92AD I get a red error message at the bottom of the screen
about an invalid R1 setting.

UR: CQCQCQ
R1: (blank)
R2: Not Use
My: WH6DIQ A

Never had this problem previously, and I can use the dvap tool, manually
changing the radio setting for UR to link/unlink, with R1/R2 same as above
for connecting to reflectors. All works as it should.

What has happened?

73
wh6diq

10130. Motorola Radious GM300 programing software

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-28 03:08:21 UTC
From: wifasear
Topic: 10130 Message: 10130

Hi every one,

I picked a couple of Motorola GM300 in Dayton to use in a repeater project, I am having hard time traying to find the right programing software. I know some of you are using this radio as hotspot or repeater.

Are you willing to share that software with me to be able and program those radios.

Thanks everyone!

Will.

(JIM, Thank you for letting know that the power conexion is inverted in relation to other radios.)

KD8GIK/HK6CAN

10131. RE: [gmsk_dv_node] Invalid R1

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-28 03:29:02 UTC
From: J. M. Moen
Topic: 10127 Message: 10131

For hotspots using Node Adapters, I prefer Ian's approach, which forces the radio into DUP mode, even though the offset is zero and it is really operating as a simplex radio with RX and TX frequencies the same. In DUP mode, the radio will actually transmit the values programmed into RPT1 and RPT2.

But it is simpler to not worry about RPT1 and RPT2 and just tell WinDV to ignore RPT1 and RPT2 values by not checking the "Check for valid RPT1/RPT2 on RF calls" boxes. It's a matter of personal preference. I assume the same is true using WinDV with a DVAP.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Ian Foord
Sent: Monday, May 27, 2013 3:54 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Invalid R1
Hi your radio should be set as this .

UR: CQCQCQ
R1:WH6DIG C
R2:WH6DIQ G
MY:WH6DIQ (NO A)

Then set the radio for + (or -) shift and set the offset to 0.0mhz
you have to do this or R1 and R2 will not be set right .

Ian G0TJH

-------Original Message-------

From: wh6diq_richard_in_honolulu <mailto:wh6diq@...>
Date: 05/27/13 23:05:49
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Invalid R1
Aloha,

Today when I try to use the dvap with WINDV 1.5.2 I am able to connect and can receive station audio, and info on the screen, but when I hit the key to transmit on my 92AD I get a red error message at the bottom of the screen about an invalid R1 setting.

UR: CQCQCQ
R1: (blank)
R2: Not Use
My: WH6DIQ A

Never had this problem previously, and I can use the dvap tool, manually changing the radio setting for UR to link/unlink, with R1/R2 same as above for connecting to reflectors. All works as it should.

What has happened?

73
wh6diq

.

10132. Re: [gmsk_dv_node] Motorola Radious GM300 programing software

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-28 10:31:32 UTC
From: Ian Foord
Topic: 10130 Message: 10132
Attachments: 1 described; binary payloads are missing from this source WARC

The GM300 is a fine radio But . The Motorola programming software is a dos programme and will not run in windows in fact you need a very slow PC 16Mhz
max with a real serial port . I use an old Toshiba T1000 laptop for the old radios . do not try run it in windows with a slow down programme or a USB to serial adapter
it will fail as the software talks the the port direct
2nd unless you get a "cracked" version you will have to do the "cheat" to get it on 2m / 70cm..... ....do a search for it on the Russian site .

Cheat for GM/GP300 when you type the freq in hold down the sfit key FOR ALL the freq except the dismal point ,,lift for that one . Note this will only work for
a PC that has a US keyboard map set .

The GM300 will get very hot ,so put a BIG fan on the TX one . If you are going to use it for d-star ,there is one link in side the radio you have to move .

If you get stuck mail me back "off list"

Ian G0TJH

-------Original Message-------

From: wifasear
Date: 05/28/13 04:08:24
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Motorola Radious GM300 programing software

Hi every one,

I picked a couple of Motorola GM300 in Dayton to use in a repeater project, I am having hard time traying to find the right programing software. I know some of you are using this radio as hotspot or repeater.

Are you willing to share that software with me to be able and program those radios.

Thanks everyone!

Will.

(JIM, Thank you for letting know that the power conexion is inverted in relation to other radios.)

KD8GIK/HK6CAN

10133. Mini Hotspot Rev C board up and running

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-28 12:42:28 UTC
From: Graham Pemberton G7NEH
Topic: 10079 Message: 10133

Hi,

10134. Re: [gmsk_dv_node] Mini Hotspot Rev C board no transmit

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-28 12:53:14 UTC
From: Graham Pemberton G7NEH
Topic: 10079 Message: 10134

Hi all,

Just thought I would let you know that the Mini Hotspot rev C board is now up and running and gateway MB6TC is now on air.

While having another go at testing the board again and trying to get it to do a echo test I did two things first I got another USB lead and then while giving the board a close look over I took the modem chip out of the socket and noticed the two of the pins were bent, after fixing the pins and making sure the chip was seated correctly I ran the echo test again and after tweaking the TX pot everything worked fine.

I now have it setup with a raspberry pi and my ft-817 running the gateway.

Regards and many thanks for the help
Graham G7NEH

On 12 May 2013, at 16:51, Fred PA4YBR <fred@...> wrote:

>
> Graham,
>
> You probably want to set the "RSSI Monitor" checkbox in the Mode screen
> of NAWinCFG. This sets the firmware to "new style" I/O pinning, needed
> for that board. One of the I/O pins being remapped is, indeed, the TXDATA
> pin of the GMSK chip :P
>
> Cheers,
>
> Fred
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Graham Pemberton G7NEH
> Sent: Saturday, May 11, 2013 3:22 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Mini Hotspot Rev C board no transmit
>
>
> Hi all,
>
> I have been trying to set up my mini hotspot but am unable to get past the echo test in NATools, I'm sure the lead to the radio (FT-817) is wired correctly and It works fine on the RF read test but when I try the echo test and key the mike on the hand held the 817 goes into transmit for about 2-3 seconds then goes into receive regardless wether I still have the mike keyed on the hand held or not, the red transmit LED does not light up on the board and no audio is received at the hand held.
>

> I would be grateful for any comments or suggestions.
>
> Regards
> Graham G7NEH
>
>
>
>

10135. Re: Invalid R1

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-28 16:39:59 UTC
From: wh6diq_richard_in_honolulu
Topic: 10127 Message: 10135

I have used WinDV for over a year, and never had to set offset, nor is it changed. If I could reach my local repeater (WH6DIG) I would not use the DVAP...why would I set R1 as you indicate WITH the DVAP? Also, the beauty of WinDV is NOT having to constantly change settings on the radio.

--- In gmsk_dv_node@yahoogroups.com, "Ian Foord" <g0tjh@...> wrote:
>
> Hi your radio should be set as this .
>
> UR: CQCQCQ
> R1:WH6DIG C
> R2:WH6DIQ G
> MY:WH6DIQ (NO A)
>
> Then set the radio for + (or -) shift and set the offset to 0.0mhz
> you have to do this or R1 and R2 will not be set right .
>
> Ian G0TJH
>
> -------Original Message-------
>
> From: wh6diq_richard_in_honolulu
> Date: 05/27/13 23:05:49
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Invalid R1
>
>
> Aloha,
>
> Today when I try to use the dvap with WINDV 1.5.2 I am able to connect and
> can receive station audio, and info on the screen, but when I hit the key to
> transmit on my 92AD I get a red error message at the bottom of the screen
> about an invalid R1 setting.
>
> UR: CQCQCQ
> R1: (blank)
> R2: Not Use
> My: WH6DIQ A
>
> Never had this problem previously, and I can use the dvap tool, manually
> changing the radio setting for UR to link/unlink, with R1/R2 same as above
> for connecting to reflectors. All works as it should.
>
> What has happened?
>

> 73
> wh6diq
>

10136. Re: Invalid R1

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-28 16:56:05 UTC
From: wh6diq_richard_in_honolulu
Topic: 10127 Message: 10136

I have not made any changes to the WinDV settings since I last used it (successfully). It would seem to me that since I can link and unlink to various reflectors at will, and read the mail, the WinDV and my radio are set correctly. Why can I send the commands, but no voice?

--- In gmsk_dv_node@yahoogroups.com, "J. M. Moen" <jim@...> wrote:
>
> The DVAP experts will know better than I, but remember in simplex mode
> D-Star radios ignore what's in RPT1 and RPT2 and send "DIRECT" for both.
>
> If somehow you accidentally changed the Settings screen and checked the
> "Check for valid RPT1 on RF calls" box, you would get that error. If it's
> checked, then just uncheck it and try again.
>
> Jim - K6JM
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of wh6diq_richard_in_honolulu
> Sent: Monday, May 27, 2013 3:06 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Invalid R1
> Aloha,
>
> Today when I try to use the dvap with WINDV 1.5.2 I am able to connect and
> can receive station audio, and info on the screen, but when I hit the key to
> transmit on my 92AD I get a red error message at the bottom of the screen
> about an invalid R1 setting.
>
> UR: CQCQCQ
> R1: (blank)
> R2: Not Use
> My: WH6DIQ A
>
> Never had this problem previously, and I can use the dvap tool, manually
> changing the radio setting for UR to link/unlink, with R1/R2 same as above
> for connecting to reflectors. All works as it should.
>
> What has happened?
>
> 73
> wh6diq
>

10137. Re: [gmsk_dv_node] Re: Invalid R1

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-28 18:30:17 UTC
From: Ian Foord
Topic: 10127 Message: 10137
Attachments: 1 described; binary payloads are missing from this source WARC

Unless Rpt2 is set with the eight bit set to a "G" (that is the gateway bit) yes you can connect but no audio will pass to the network . and you can only set that
if you set your radio up as I said , If you do a search on how to set your radio up ,they will all say the same .

Also windv 1.5.2 is an old programme you need 1.5.5 . In the last six weeks or so there have been I think two protocol changes on the network
that may make your version unworkable ,try an update to 1.5.5 and see what happens.

Ian G0TJH

-------Original Message-------

From: wh6diq_richard_in_honolulu
Date: 05/28/13 17:56:09
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Invalid R1

I have not made any changes to the WinDV settings since I last used it (successfully). It would seem to me that since I can link and unlink to various reflectors at will, and read the mail, the WinDV and my radio are set correctly. Why can I send the commands, but no voice?

--- In gmsk_dv_node@yahoogroups.com, "J. M. Moen" <jim@...> wrote:
>
> The DVAP experts will know better than I, but remember in simplex mode
> D-Star radios ignore what's in RPT1 and RPT2 and send "DIRECT" for both.
>
> If somehow you accidentally changed the Settings screen and checked the
> "Check for valid RPT1 on RF calls" box, you would get that error. If it's
> checked, then just uncheck it and try again.
>
> Jim - K6JM
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
On
> Behalf Of wh6diq_richard_in_honolulu
> Sent: Monday, May 27, 2013 3:06 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Invalid R1
> Aloha,
>
> Today when I try to use the dvap with WINDV 1.5.2 I am able to connect and

> can receive station audio, and info on the screen, but when I hit the key
to
> transmit on my 92AD I get a red error message at the bottom of the screen
> about an invalid R1 setting.
>
> UR: CQCQCQ
> R1: (blank)
> R2: Not Use
> My: WH6DIQ A
>
> Never had this problem previously, and I can use the dvap tool, manually
> changing the radio setting for UR to link/unlink, with R1/R2 same as above
> for connecting to reflectors. All works as it should.
>
> What has happened?
>
> 73
> wh6diq
>

10138. RE: [gmsk_dv_node] Invalid R1

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-29 16:54:02 UTC
From: Fred PA4YBR
Topic: 10127 Message: 10138
Attachments: 1 described; binary payloads are missing from this source WARC

No.

Icom radios, when used in Simplex mode, *DO NOT* send out a valid
value for RPT1 and RPT2, regardless of what is configured in the radio
for that memory channel. They set both fields to "DIRECT__".

So, if you use a simplex link (like with the DVAP), you should not use
the "Check RPT1" stuff, as this will indeed block your own transmissions
because of the above.

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of Ian Foord
Sent: Tuesday, May 28, 2013 12:54 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Invalid R1

Hi your radio should be set as this .

UR: CQCQCQ
R1:WH6DIG C
R2:WH6DIQ G
MY:WH6DIQ (NO A)

Then set the radio for + (or -) shift and set the offset to 0.0mhz
you have to do this or R1 and R2 will not be set right .

Ian G0TJH

-------Original Message-------

From: wh6diq_richard_in_honolulu <mailto:wh6diq@...>
Date: 05/27/13 23:05:49
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Invalid R1

Aloha,

Today when I try to use the dvap with WINDV 1.5.2 I am able to connect and
can receive station audio, and info on the screen, but when I hit the key to
transmit on my 92AD I get a red error message at the bottom of the screen
about an invalid R1 setting.

UR: CQCQCQ
R1: (blank)
R2: Not Use
My: WH6DIQ A

Never had this problem previously, and I can use the dvap tool, manually changing the radio setting for UR to link/unlink, with R1/R2 same as above for connecting to reflectors. All works as it should.

What has happened?

73
wh6diq

<http://www.incredimail.com/?id=621124&did=10501&ppd=2823,201207251523,9,[TypeID],[IM_UPN2]&rui=32595513> FREE Animations for Your Email - by IncrediMail! Click Here!

10139. Re: [gmsk_dv_node] Motorola Radious GM300 programing software

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-29 18:39:36 UTC
From: Tim Tucker
Topic: 10130 Message: 10139
Attachments: 1 described; binary payloads are missing from this source WARC

The old Motorola software is available for download here:
http://www.worldwidedx.com/vhf-uhf-bands-vhf-uhf-rigs/152019-programming-software-motorola-gm300-download-here.html

I didn't have any problem programming my 70cm radios using it, although you
do need an old pc with a serial port to do it. I didn't even have to use
the goofy data entry to get it to work.

Tim

On Tue, May 28, 2013 at 3:31 AM, Ian Foord <g0tjh@...> wrote:

> **
>
>
> The GM300 is a fine radio But . The Motorola programming software is
> a dos programme and will not run in windows in fact you need a very slow PC
> 16Mhz
> max with a real serial port . I use an old Toshiba T1000 laptop for the
> old radios . do not try run it in windows with a slow down programme or a
> USB to serial adapter
> it will fail as the software talks the the port direct
> 2nd unless you get a "cracked" version you will have to do the "cheat"
> to get it on 2m / 70cm..... ....do a search for it on the
> Russian site .
>
> Cheat for GM/GP300 when you type the freq in hold down the sfit key FOR
> ALL the freq except the dismal point ,,lift for that one . Note this will
> only work for
> a PC that has a US keyboard map set .
>
> The GM300 will get very hot ,so put a BIG fan on the TX one . If you
> are going to use it for d-star ,there is one link in side the radio you
> have to move .
>
> If you get stuck mail me back "off list"
>
> Ian G0TJH
>
>
>
> *-------Original Message-------*
>
> *From:* wifasear <hk6can@...>
> *Date:* 05/28/13 04:08:24

> *To:* gmsk_dv_node@yahoogroups.com
> *Subject:* [gmsk_dv_node] Motorola Radious GM300 programing software
>
>
>
> Hi every one,
>
> I picked a couple of Motorola GM300 in Dayton to use in a repeater
> project, I am having hard time traying to find the right programing
> software. I know some of you are using this radio as hotspot or repeater.
>
> Are you willing to share that software with me to be able and program
> those radios.
>
> Thanks everyone!
>
> Will.
>
> (JIM, Thank you for letting know that the power conexion is inverted in
> relation to other radios.)
>
> KD8GIK/HK6CAN
>
>
> [image: FREE Animations for Your Email - by IncrediMail! Click Here!]<http://www.incredi
mail.com/?id=621124&did=10501&ppd=2823,201207251523,9,[TypeID],[IM_UPN2]&rui=32595513>
>
>
>

10140. Problems with Hotspot. Help needed.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-30 16:05:48 UTC
From: Thomas Lange
Topic: 10140 Message: 10140

When I originally setup my hotspot it worked very well with zero issue. I installed linux and never got it to work on linux. Now that I am back to windows
because of that fact, I am having tons of issues with trying to get it back up
and running right. No matter what I do I am getting the same results.

Good RX
R2D2
Good RX
R2D2
Good RX
R2D2

over, and over. Never changes. I get about 3-6 seconds good audio in from a Reflector, then 2-3 seconds R2D2. Rinse and repeat.

I have not been able to make a contact at all so I must be a mess on the way out.

My RF and ECHO test check fine. The only problem I had when setting it up originally was not having my hotspot radio in 9600 baud mode. I have checked that over and over and its setup at 9600 so that's not it. I have fiber broadband and stream 1080 movies all the time. So bandwidth not an issue. Worked
fine on same internet before. I have also tried different versions of software.
Notably DVAR Hotspot and WinDV. Same results. Really getting frustrating as I
have multiple people waiting to use the hotspot because mobile access into area
repeaters is Nil. We have 3 repeaters in adjacent counties, but its rough from
mobile and HT.

Full setup is:
StarBoard
Windows 7
Passing radio Kenwood D700
Accessing Radio ID-880H

Any help on this would be greatly appreciated! I am trying to fill this hole so
we can get more activity here.

Thanks

Tom WC5B

10141. Re: Problems with Hotspot. Help needed.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-30 19:51:17 UTC
From: wc5b_1
Topic: 10140 Message: 10141

Example of problem: http://www.youtube.com/watch?v=gh7xpr1Vmyg

--- In gmsk_dv_node@yahoogroups.com, Thomas Lange <wc5b@...> wrote:
>
> When I originally setup my hotspot it worked very well with zero issue. I
> installed linux and never got it to work on linux. Now that I am back to
> windows
> because of that fact, I am having tons of issues with trying to get it
> back up
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> Good RX
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> R2D2
> Good RX
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>
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> Reflector, then 2-3 seconds R2D2. Rinse and repeat.
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> I have not been able to make a contact at all so I must be a mess on the way
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> My RF and ECHO test check fine. The only problem I had when setting it up
> originally was not having my hotspot radio in 9600 baud mode. I have checked
> that over and over and its setup at 9600 so that's not it. I have fiber
> broadband and stream 1080 movies all the time. So bandwidth not an
> issue. Worked
> fine on same internet before. I have also tried different versions of
> software.
> Notably DVAR Hotspot and WinDV. Same results. Really getting frustrating
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> repeaters is Nil. We have 3 repeaters in adjacent counties, but its
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> Full setup is:
> StarBoard
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> Passing radio Kenwood D700
> Accessing Radio ID-880H
>

> Any help on this would be greatly appreciated! I am trying to fill this
> hole so
> we can get more activity here.
>
> Thanks
>
> Tom WC5B
>

10142. Copyrighted Software (was: RE: Motorola Radious GM300 programing software)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-05-31 16:18:47 UTC
From: Fred PA4YBR
Topic: 10130 Message: 10142

Hi Folks,

We probably don't want to post messages here that contain links (or even references) to copyrighted softare like the Motorola radio programming software. Motorola is known to be, um, quite unfriendly to people who do...

I'm not the owner of this group, but still... let's try to avoid the problem, k?

--fred

10143. Re: Problems with Hotspot. Help needed

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-01 17:48:20 UTC
From: ki4frj
Topic: 10140 Message: 10143

Same Issue here. Has anything helped ??

--- In gmsk_dv_node@...m, Thomas Lange <wc5b@...> wrote:
>
> When I originally setup my hotspot it worked very well with zero issue. I
> installed linux and never got it to work on linux. Now that I am back to
> windows
> because of that fact, I am having tons of issues with trying to get it
> back up
> and running right. No matter what I do I am getting the same results.
>
> Good RX
> R2D2
> Good RX
> R2D2
> Good RX
> R2D2
>
> over, and over. Never changes. I get about 3-6 seconds good audio in from a
> Reflector, then 2-3 seconds R2D2. Rinse and repeat.
>
> I have not been able to make a contact at all so I must be a mess on the way
> out.
>
> My RF and ECHO test check fine. The only problem I had when setting it up
> originally was not having my hotspot radio in 9600 baud mode. I have checked
> that over and over and its setup at 9600 so that's not it. I have fiber
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> issue. Worked
> fine on same internet before. I have also tried different versions of
> software.
> Notably DVAR Hotspot and WinDV. Same results. Really getting frustrating
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> StarBoard
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> Accessing Radio ID-880H
>

> Any help on this would be greatly appreciated! I am trying to fill this
> hole so
> we can get more activity here.
>
> Thanks
>
> Tom WC5B
>

10144. R2D2 / R2D2 with S-9 to 20+ over S-9

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-02 22:56:01 UTC
From: ka1jwm
Topic: 10144 Message: 10144

Confusion has now set in. Stations are indicating I'm xmitting R2D2. This is a frequent occurrence. I'm running the Dutch Star Node Adapter aka (Moen Comm GMSK Adapter) connected to 2 Kenwood TM-V71A (10 Watts out) in repeater mode to a set of cans out to the antenna. I receive fine except when I'm mobile out and around town. When at home, I use a 92-AD in SLO PWR and I get the same signal, R2D2 during transmit, I receive just fine. At first I thought the signals were reflecting off the buildings, so I took a ride away from town. 3 miles away, 10+ over S-9 signal, R2D2 in both receive as well as transmit. Configuration and setup went fine, transmit echo repeats everything I said.

Kenwood menus are ----> 517= UHF, 518 = 9600, 102 = NFM.

I'm ready to hang up my hat.

Any ideas, thoughts? MORE POWER! Interconnecting cable lengths? More shielding?

Thanks in advance for any help.

Dave KA1JWM

10145. Re: Problems with Hotspot. Help needed.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-03 02:53:08 UTC
From: ki4frj
Topic: 10140 Message: 10145

I tried a different computer and the problem was fixed.

--- In gmsk_dv_node@yahoogroups.com, Thomas Lange <wc5b@...> wrote:
>
> When I originally setup my hotspot it worked very well with zero issue. I
> installed linux and never got it to work on linux. Now that I am back to
> windows
> because of that fact, I am having tons of issues with trying to get it
> back up
> and running right. No matter what I do I am getting the same results.
>
> Good RX
> R2D2
> Good RX
> R2D2
> Good RX
> R2D2
>
> over, and over. Never changes. I get about 3-6 seconds good audio in from a
> Reflector, then 2-3 seconds R2D2. Rinse and repeat.
>
> I have not been able to make a contact at all so I must be a mess on the way
> out.
>
> My RF and ECHO test check fine. The only problem I had when setting it up
> originally was not having my hotspot radio in 9600 baud mode. I have checked
> that over and over and its setup at 9600 so that's not it. I have fiber
> broadband and stream 1080 movies all the time. So bandwidth not an
> issue. Worked
> fine on same internet before. I have also tried different versions of
> software.
> Notably DVAR Hotspot and WinDV. Same results. Really getting frustrating
> as I
> have multiple people waiting to use the hotspot because mobile access
> into area
> repeaters is Nil. We have 3 repeaters in adjacent counties, but its
> rough from
> mobile and HT.
>
> Full setup is:
> StarBoard
> Windows 7
> Passing radio Kenwood D700
> Accessing Radio ID-880H
>

> Any help on this would be greatly appreciated! I am trying to fill this
> hole so
> we can get more activity here.
>
> Thanks
>
> Tom WC5B
>

10146. RE: [gmsk_dv_node] Re: Problems with Hotspot. Help needed.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-03 03:47:24 UTC
From: J. M. Moen
Topic: 10140 Message: 10146

Tom,

That's amazing. I have never seen/heard that before.

OK, let's see what we know. Apparently when you use NAWinTEST's Echo Test, it can transmit a good signal with no R2D2. I assume you used your D-Star radio to transmit a long time, so the playback would be equally long, so you've proven Echo Test can send a clean signal for a lot longer than a few seconds.

But when you have a program like DVAR or WinDV connect to a reflector using your internet connection, you get this experience of a few seconds of clean DV audio being sent out by your hotspot, when then turns to R2D2 for a few seconds, then it reverts to clean audio for a few seconds, and this repeats itself.

I understand you have a broadband internet connection which you can use to stream high-def video, and that this same setup used to work properly.

Well, my first suspicion is that your internet connection is not giving you real-time continuous quality. Most video viewer applications buffer the video stream, so if there were pauses every few seconds, you would never see that, since you are viewing what's in the buffer.

D-Star DV programs, on the other hand, are basically real-time apps which don't react well to pauses in the incoming DV stream.

What we don't know is if the problem is the actual internet connection, or if your PC gets real busy every few seconds and is unable to service your DV real-time app.

So a good experiment would be to test using a different computer. It doesn't need to be powerful as long as it is not being asked to do something else at the same time. For example, I run my hotpot using a Raspberry Pi, whose CPU is not all that fast, but I'm running nothing else on the machine.

If that doesn't tell you anything, then you might need to experiment somewhere else using a different internet connection. I know that could be very difficult and I hope you don't need to try that.

. When you find and solve this current problem, I'd be interested in working with you to get your system to work on Linux. But let's not try to chase two rabbits as once..

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of wc5b_1

Sent: Thursday, May 30, 2013 12:51 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Problems with Hotspot. Help needed.

Example of problem: http://www.youtube.com/watch?v=gh7xpr1Vmyg

--- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
, Thomas Lange <wc5b@...> wrote:
>
> When I originally setup my hotspot it worked very well with zero issue. I
> installed linux and never got it to work on linux. Now that I am back to
> windows
> because of that fact, I am having tons of issues with trying to get it
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> and running right. No matter what I do I am getting the same results.
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> Good RX
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a
> Reflector, then 2-3 seconds R2D2. Rinse and repeat.
>
> I have not been able to make a contact at all so I must be a mess on the
way
> out.
>
> My RF and ECHO test check fine. The only problem I had when setting it up
> originally was not having my hotspot radio in 9600 baud mode. I have
checked
> that over and over and its setup at 9600 so that's not it. I have fiber
> broadband and stream 1080 movies all the time. So bandwidth not an
> issue. Worked
> fine on same internet before. I have also tried different versions of
> software.
> Notably DVAR Hotspot and WinDV. Same results. Really getting frustrating
> as I
> have multiple people waiting to use the hotspot because mobile access
> into area
> repeaters is Nil. We have 3 repeaters in adjacent counties, but its
> rough from
> mobile and HT.
>
> Full setup is:
> StarBoard
> Windows 7
> Passing radio Kenwood D700

> Accessing Radio ID-880H
>
> Any help on this would be greatly appreciated! I am trying to fill this
> hole so
> we can get more activity here.
>
> Thanks
>
> Tom WC5B
>

10147. RE: [gmsk_dv_node] R2D2 / R2D2 with S-9 to 20+ over S-9

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-03 04:48:49 UTC
From: J. M. Moen
Topic: 10144 Message: 10147

Dave,

To clarify, when you say you get R2D2 during transmit, are you saying when your D-Star radio transmits and is received by your homebrew repeater and that is sent out to a linked reflector, people on the reflector tell you they are hearing R2D2?

But when they talk, and that DV stream is sent from the PC to the GMSK modem and to your TX radio, then your D-Star radio receives that well?

If that's the case, I wonder if your TX radio's signal is not as isolated by the cans as you wanted, and the RX radio is being desensed?

An easy way to test that would be to link to reflector, shut off the TX radio, and test your ability to transmit from your 92AD or mobile D-Star radio, have that received by your RX radio and homebrew system and see how it sounds to the people on the reflector. You will probably need someone to help on that test.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of ka1jwm
Sent: Sunday, June 02, 2013 3:56 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] R2D2 / R2D2 with S-9 to 20+ over S-9

Confusion has now set in. Stations are indicating I'm xmitting R2D2. This is a frequent occurrence. I'm running the Dutch Star Node Adapter aka (Moen Comm GMSK Adapter) connected to 2 Kenwood TM-V71A (10 Watts out) in repeater mode to a set of cans out to the antenna. I receive fine except when I'm mobile out and around town. When at home, I use a 92-AD in SLO PWR and I get the same signal, R2D2 during transmit, I receive just fine. At first I thought the signals were reflecting off the buildings, so I took a ride away from town. 3 miles away, 10+ over S-9 signal, R2D2 in both receive as well as transmit. Configuration and setup went fine, transmit echo repeats everything I said.

Kenwood menus are ----> 517= UHF, 518 = 9600, 102 = NFM.

I'm ready to hang up my hat.

Any ideas, thoughts? MORE POWER! Interconnecting cable lengths? More shielding?

Thanks in advance for any help.

Dave KA1JWM

10148. GMSK Node Apapter WinDV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-03 07:42:06 UTC
From: jorgenbodholdt
Topic: 10148 Message: 10148

I just got my new GMSK Node Apapter.
After I format my PC (Win7 64-bit) I can not use WinDV from Dutch-star.eu more
I get disconnected after 3-4 minutes
I could use it before.
Is there anyone who can help me?
Otherwise, it's a good program

10149. Non-copyrighted software for certain Motorola radios

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-03 09:14:01 UTC
From: J. M. Moen
Topic: 10149 Message: 10149

I have seen a post about a Yahoo Group called RadioDoctor. It is said to have a non-copyrighted and non-Motorola program available in its Files section. That program is said to run on modern PCs and apparently can be used to program certain Motorola radios. I have not used this program and cannot endorse it, but wanted people to be aware of it.
You can learn more about this program at
http://www.g0hwc.com/motorola_gm300_gp300.html
Here's the link to join the RadioDoctor Yahoo Group:
http://groups.yahoo.com/group/RadioDoctor/join
Jim - K6JM
From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Fred PA4YBR
Sent: Friday, May 31, 2013 9:19 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Copyrighted Software (was: RE: Motorola Radious GM300 programing software)

Hi Folks,

We probably don't want to post messages here that contain links (or even references) to copyrighted softare like the Motorola radio programming software. Motorola is known to be, um, quite unfriendly to people who do...

I'm not the owner of this group, but still... let's try to avoid the problem, k?

--fred
–

10150. Re: Problems with Hotspot. Help needed.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-03 14:45:57 UTC
From: g3vvt@...
Topic: 10140 Message: 10150

Hi Jim,

There was a problem that reared it's head in the earlier days of GMSK DV adapters in that the type/architecture of USB port in the computer could apparently have an effect on how the system worked or did not whichever the case may be. Some computers as well as types of radio could cause this problem. Not sure if it was ever resolved, but seemed to go away, possibly with later firmware. Have a read of early posting in the group on this subject to have an understanding.

You have to remember at this time about 4 1/2 years back the Satoshi GMSK DV adapter was the only game in town, so there was nothing else to compare against. I never had a problem myself with my own computers or the Satoshi GMSK DV adaptors, but maybe an element of luck in the matter.

With the radios it was understood that it was particularly important to ensure that it did not use phase modulation in the TX, a feature which seems to blight the use of many radios for the amateur market. Sometimes wonder if some of the R2D2 difficulties encountered are due to this effect, i.e, using an unsuitable radio for the purpose? We use an LMR repeater radio that uses two point FM modulation which apparently works fine with GMSK DV modulation. Our local DV repeater has now been running 4 years this month in stand alone mode with just one firmware upgrade and to re-solder a cold soldered joint on the DV adapter op-amp ground pin. Had we been able to justify or get the funding to provide Internet access at the site however, it may have been a totally different story as the complications then multiply. What we have got could not be more basic and is even simpler than an analogue voice repeater.

Regards,
Bob, G3VVT

10151. RE: [gmsk_dv_node] Re: Problems with Hotspot. Help needed.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-03 18:13:30 UTC
From: J. M. Moen
Topic: 10140 Message: 10151

Bob,

Good point about the USB hardware on some machines. It's not common, but a few just can't be made to work right. In those cases, adding a USB card and switching to the new USB hardware might fix the problem, but that's not usually possible with laptops and the only fix is a different machine.

I definitely have seen less of that problem in the last year or so. But we still see cases where a machine that should be fast enough gets bogged down with other "work." I heard of at least one that was affected by the many programs loaded at startup that the vendor had installed onto a new pc (what some call "bloatware").

I guess the good news is that a good solution is to switch to a very small and inexpensive PC like the Raspberry Pi.

Congratulations on the long-running and successful stand-alone repeater. By the way, if anyone with good RF access to your "internet-less" repeater has internet at their QTH, that ham could set up a hotspot in "Gateway" mode in such a way that your repeater users would not be aware the internet was not at the repeater site but was being provided remotely.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of g3vvt@...
Sent: Monday, June 03, 2013 7:46 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Problems with Hotspot. Help needed.

Hi Jim,

There was a problem that reared it's head in the earlier days of GMSK DV adapters in that the type/architecture of USB port in the computer could apparently have an effect on how the system worked or did not whichever the case may be. Some computers as well as types of radio could cause this problem. Not sure if it was ever resolved, but seemed to go away, possibly with later firmware. Have a read of early posting in the group on this subject to have an understanding.

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Regards,
Bob, G3VVT

–

10152. RE: [gmsk_dv_node] R2D2 / R2D2 with S-9 to 20+ over S-9

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-03 20:55:56 UTC
From: Fred PA4YBR
Topic: 10144 Message: 10152

Dave,

R2D2 (gawd, when I coined that term, I never imagined it would actually stick around this long *grin*) on TX (into the analog radio) is usually caused by either:

- firmware issues (especially older firmware using G4KLX and KI4LKF software)
- bad USB cable or USB hub (especially the hubs...)
- too much deviation on FM signal ("too loud') or too little ("too soft") which then
causes decoding problems on the receiving D-STAR radios.

On the latter- especially the newer ID31 and ID51 radios are susceptible to the
"too much" case: the signal is too wide, and partly falls outside its RF filters,
which of course generates errors. Lower the deviation (read: trim down the TX
trimpot on the board) and this should go away.

Too little deviation (audio) happens using some analog radios that need "a lot"
of analog audio drive in 9600 mode. Many Kenwood's fall into this category.

Regards,

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of ka1jwm
Sent: Monday, June 03, 2013 12:56 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] R2D2 / R2D2 with S-9 to 20+ over S-9

Confusion has now set in. Stations are indicating I'm xmitting R2D2. This is a frequent occurrence. I'm running the Dutch Star Node Adapter aka (Moen Comm GMSK Adapter) connected to 2 Kenwood TM-V71A (10 Watts out) in repeater mode to a set of cans out to the antenna. I receive fine except when I'm mobile out and around town. When at home, I use a 92-AD in SLO PWR and I get the same signal, R2D2 during transmit, I receive just fine. At first I thought the signals were reflecting off the buildings, so I took a ride away from town. 3 miles away, 10+ over S-9 signal, R2D2 in both receive as well as transmit. Configuration and setup went fine, transmit echo repeats everything I said.

Kenwood menus are ----> 517= UHF, 518 = 9600, 102 = NFM.

I'm ready to hang up my hat.

Any ideas, thoughts? MORE POWER! Interconnecting cable lengths? More shielding?

Thanks in advance for any help.

Dave KA1JWM

10153. RE: [gmsk_dv_node] Re: Problems with Hotspot. Help needed.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-03 21:06:32 UTC
From: Fred PA4YBR
Topic: 10140 Message: 10153

> There was a problem that reared it's head in the earlier days of GMSK DV
> adapters in that the type/architecture of USB port in the computer could
> apparently have an effect on how the system worked or did not whichever
> the case may be.

Yes. As Jonathan has already pointed out, Satoshi decided to use the worst possible protocol for his design- basically, even though we send and receive very little data on the USB bus, the protocol chosen does **not** guarantee (at ALL) **when** those bytes of data will be delivered to the device.. it depends on when there is "free time" on the USB bus, and several other factors.

One of those factors was the actual chipset in use, and the drivers they were used with. On Windows, the use of "libusb" made that even worse. The latter is better now (with the newer "1.x" fork of the project) but the original issues remain.

Most of these issues were worked around later on, when I started using the WinUSB driver framework from Microsoft. They probably did very nasty things to overrule some of the default driver policies to overcome some of the issues we saw: my own PC, which did NOT work with Satoshi's original setup, DID (to my own surprise, I might add...) work fine with my new driver stuff. Weird!

> Not sure if it was ever resolved, but seemed to go away, possibly
> with later firmware.

See above. Satoshi later switched to forcing the use of USB2.0, which does not fix the problem really, but, on *most* computers, kinda works around it: USB2.0 had different bus traffic policies than USB1.1, and this (just barely) allowed for what we were doing.

> With the radios it was understood that it was particularly important to
> ensure that it did not use phase modulation in the TX,

Correct. GMSK requires linear modulation, so "true FM" is needed there, either by direct (varicap) modulation, or by two-point injection. The latter is better, but not *required*.

--fred

10154. RE: [gmsk_dv_node] GMSK Node Apapter WinDV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-03 21:17:02 UTC
From: Fred PA4YBR
Topic: 10148 Message: 10154

Jorgen,

See my previous email to you.

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of jorgenbodholdt
Sent: Monday, June 03, 2013 9:42 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] GMSK Node Apapter WinDV

I just got my new GMSK Node Apapter.
After I format my PC (Win7 64-bit) I can not use WinDV from Dutch-star.eu more
I get disconnected after 3-4 minutes
I could use it before.
Is there anyone who can help me?
Otherwise, it's a good program

10155. Difficulty Installing NA Tools on Windows 8

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-04 03:17:51 UTC
From: k9ruf
Topic: 10155 Message: 10155

Hello Everyone,

I was wondering if anyone has been able to install the NA Tools on a Windows 8 machine. I made sure to install as an administrator and I've tried the 32 and 64 bit versions. The install always fails. I even tried installing it in compatibility mode trying different versions of Windows. Still no luck. Turning off and even uninstalling my virus protection didn't help either.

The WinDV install fine but won't work because it can't see the Dstar board because the drivers weren't installed part of the NA Tools install.

Any suggestions?

Dave
K9RUF

10156. RE: [gmsk_dv_node] Difficulty Installing NA Tools on Windows 8

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-04 08:09:49 UTC
From: Fred PA4YBR
Topic: 10155 Message: 10156

Dave,

Based on reports from users, the "trick" here is to follow these steps:

1. Start the NAtools installation, choose "Custom Install" and disable the drivers. Then proceed with installing - this should work fine.

2. Reboot WIndows, disable driver signing (see the older posting on how to do that) and then start the setup again, but this time choose Custom and *ONLY* select the driver. Then proceed - should be OK now.

3. Try the tools, they should see the board now.

4. Once (3) is OK, proceed with installing WinDV. If this was already installed, it should now "work".

Regards,

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of k9ruf
Sent: Tuesday, June 04, 2013 5:18 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Difficulty Installing NA Tools on Windows 8

Hello Everyone,

I was wondering if anyone has been able to install the NA Tools on a Windows 8 machine. I made sure to install as an administrator and I've tried the 32 and 64 bit versions. The install always fails. I even tried installing it in compatibility mode trying different versions of Windows. Still no luck. Turning off and even uninstalling my virus protection didn't help either.

The WinDV install fine but won't work because it can't see the Dstar board because the drivers weren't installed part of the NA Tools install.

Any suggestions?

Dave
K9RUF

10157. Re: Difficulty Installing NA Tools on Windows 8

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-04 14:18:52 UTC
From: k9ruf
Topic: 10155 Message: 10157

Thanks Fred. That did the trick, although I couldn't find your post on how to disable driver signing. Oh well I found a nice youtube video showing how to do it.

--- In gmsk_dv_node@yahoogroups.com, "Fred PA4YBR" <fred@...> wrote:
>
> Dave,
>
> Based on reports from users, the "trick" here is to follow these steps:
>
> 1. Start the NAtools installation, choose "Custom Install" and disable the
> drivers. Then proceed with installing - this should work fine.
>
> 2. Reboot WIndows, disable driver signing (see the older posting on how
> to do that) and then start the setup again, but this time choose Custom
> and *ONLY* select the driver. Then proceed - should be OK now.
>
> 3. Try the tools, they should see the board now.
>
> 4. Once (3) is OK, proceed with installing WinDV. If this was already
> installed, it should now "work".
>
> Regards,
>
> Fred
>
>
> _____
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of k9ruf
> Sent: Tuesday, June 04, 2013 5:18 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Difficulty Installing NA Tools on Windows 8
>
>
>
>
>
> Hello Everyone,
>
> I was wondering if anyone has been able to install the NA Tools on a Windows
> 8 machine. I made sure to install as an administrator and I've tried the 32
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> compatibility mode trying different versions of Windows. Still no luck.
> Turning off and even uninstalling my virus protection didn't help either.
>

> The WinDV install fine but won't work because it can't see the Dstar board
> because the drivers weren't installed part of the NA Tools install.
>
> Any suggestions?
>
> Dave
> K9RUF
>

10158. Using the moen board with a Pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-04 21:56:39 UTC
From: k9ruf
Topic: 10158 Message: 10158

Hello group,

Has anyone documented the step-by-step procedure to configure the moen board with the raspberry pie first in simplex mode and as a repeater using two radios? I've downloaded the Western dstar disc images and I'm ready to go but I just need to know the correct steps to configure the programs.

I'm familiar with these programs having use them to connect my DVAP to my raspberry pie but now I would like to try to connect the moen board to the raspberry pie. Any help would be appreciated thank you.

Dave
K9RUF

10159. RE: [gmsk_dv_node] Using the moen board with a Pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-04 22:38:36 UTC
From: NO9S Steve Butler
Topic: 10158 Message: 10159

Dave,

Jim has it well documented on the Moen site.

73

Steve

NO9S

Hello group,

Has anyone documented the step-by-step procedure to configure the moen board with the raspberry pie first in simplex mode and as a repeater using two radios? I've downloaded the Western dstar disc images and I'm ready to go but I just need to know the correct steps to configure the programs.

I'm familiar with these programs having use them to connect my DVAP to my raspberry pie but now I would like to try to connect the moen board to the raspberry pie. Any help would be appreciated thank you.

Dave
K9RUF

10160. RE: [gmsk_dv_node] Using the moen board with a Pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-05 00:42:19 UTC
From: J. M. Moen
Topic: 10158 Message: 10160

Dave,

I continue to threaten to put my notes on the web. In the meantime, I'll send the details to you directly.

The overall process is to burn the image to a SD card using a program like win32diskimager. Power up the Pi and check your router for the internal IP address (e.g. 192.168.0.15) that your router assigned to the Pi right now. Brian's image has X11VNC launched at startup. So get a VNC viewer program like TightVNC and log on using port 0 - example is 192.168.0.15:0 -- password is raspberry. There are some tweaks to make the resolution work better with TightVNC, then you can set the preferences for gmskrepeater and ircddbgateway for your situation - main changes are to put in your callsign, set for half or full duplex, etc.

In .config/startup, Brian has some startup scripts that will launch the G4KLX programs. Once everything is configured and working, I typically change those scripts to launch the deamon version of those programs: gmskrepeaterd and ircddbgatewayd.

Jim - K6JM

PS While mobile this afternoon, I heard you (I think on REF030A) while you were mobile. You had really good sounding audio. Would have given you a call, but was about to head into an RF hole in this are. We have good D-Star repeaters around here, but we also have some small mountain peaks or large hills that get in the way sometimes..

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of k9ruf
Sent: Tuesday, June 04, 2013 2:57 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Using the moen board with a Pi
Hello group,

Has anyone documented the step-by-step procedure to configure the moen board with the raspberry pie first in simplex mode and as a repeater using two radios? I've downloaded the Western dstar disc images and I'm ready to go but I just need to know the correct steps to configure the programs.

I'm familiar with these programs having use them to connect my DVAP to my raspberry pie but now I would like to try to connect the moen board to the raspberry pie. Any help would be appreciated thank you.

Dave
K9RUF

–

10161. max watt for FM transceiver

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-05 05:32:48 UTC
From: jorgenbodholdt
Topic: 10161 Message: 10161

Analog FM transceiver for GMSK Sheet adapter is no maximum is watt? which is best to run

10162. RE: [gmsk_dv_node] max watt for FM transceiver

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-05 10:19:52 UTC
From: J. M. Moen
Topic: 10161 Message: 10162

Jørgen,

There☐s no standard answer to how much power to run for your homebrew Hotspot. It☐s a good idea to only use as much power as you need, so if you will be using your Hotspot only a few hundred meters from your antenna, then set the power as low as possible. Obviously if you want to hit your Hotspot from farther away, you☐ll want more power.

The main issue is that most ham or consumer transceivers are not meant to operate at full duty cycle. But if you link to a very busy reflector (for example, one that hosts a long-lasting net), your transmitter may be running at full duty cycle for an hour or two. It would be easy to damage your transmitter in those conditions.

A good rule of thumb is to run your Hotspot at no more than half its maximum power, and consider adding a fan or blower, and possibly get a larger heat sink if the transmitter still gets hot during long transmissions.

Jim ☐ K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of jorgenbodholdt
Sent: Tuesday, June 04, 2013 10:33 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] max watt for FM transceiver
Analog FM transceiver for GMSK Sheet adapter is no maximum is watt? which is best to run

10163. Re: max watt for FM transceiver

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-05 11:30:15 UTC
From: jorgenbodholdt
Topic: 10161 Message: 10163

--- In gmsk_dv_node@yahoogroups.com, "J. M. Moen" <jim@...> wrote:
>
> Jørgen,
>
> There's no standard answer to how much power to run for your homebrew
> Hotspot. It's a good idea to only use as much power as you need, so if you
> will be using your Hotspot only a few hundred meters from your antenna, then
> set the power as low as possible. Obviously if you want to hit your Hotspot
> from farther away, you'll want more power.
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> The main issue is that most ham or consumer transceivers are not meant to
> operate at full duty cycle. But if you link to a very busy reflector (for
> example, one that hosts a long-lasting net), your transmitter may be running
> at full duty cycle for an hour or two. It would be easy to damage your
> transmitter in those conditions.
>
> A good rule of thumb is to run your Hotspot at no more than half its maximum
> power, and consider adding a fan or blower, and possibly get a larger heat
> sink if the transmitter still gets hot during long transmissions.
>
> Jim ☐ K6JM
>

Tak for svaret
Jeg har kun en Ft-847 50w

Jørgen

10164. Re: Using the moen board with a Pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-05 13:37:58 UTC
From: k9ruf
Topic: 10158 Message: 10164

Hi Jim,

Yes that was me on REF30C talking to Hugo in Miami last night. I was testing out the range of my Moen DV Node on UHF from the mobile. In the car with me were a couple of ham friends and we were on the way to our monthly Ham meeting. They were impressed I was talking to someone in Miami from the car and how good it sounded. Just trying to evangelize D-Star....

About the Pi I'm OK with using the tight VNC viewer and that works great on my Mac or PC. I just needed the settings that are different from the DVAP. I'll send you a document that Mark WD9JEN and I put together with screen shots of the step by step set up. I think things like this work great for the less techie guys like myself. I'll also look at the document on your website too. I'm just so excited to finally get a D-Star repeater on the air in North Lake County Illinois that I want to have all this set so when my duplexer arrives this week that I'll be ready to go.

Thanks Jim

Dave
K9RUF

--- In gmsk_dv_node@yahoogroups.com, "J. M. Moen" <jim@...> wrote:
>
> Dave,
>
> I continue to threaten to put my notes on the web. In the meantime, I'll
> send the details to you directly.
>
> The overall process is to burn the image to a SD card using a program like
> win32diskimager. Power up the Pi and check your router for the internal IP
> address (e.g. 192.168.0.15) that your router assigned to the Pi right now.
> Brian's image has X11VNC launched at startup. So get a VNC viewer program
> like TightVNC and log on using port 0 - example is 192.168.0.15:0 --
> password is raspberry. There are some tweaks to make the resolution work
> better with TightVNC, then you can set the preferences for gmskrepeater and
> ircddbgateway for your situation - main changes are to put in your callsign,
> set for half or full duplex, etc.
>
> In .config/startup, Brian has some startup scripts that will launch the
> G4KLX programs. Once everything is configured and working, I typically
> change those scripts to launch the deamon version of those programs:
> gmskrepeaterd and ircddbgatewayd.
>
> Jim - K6JM
>
> PS While mobile this afternoon, I heard you (I think on REF030A) while you
> were mobile. You had really good sounding audio. Would have given you a

> call, but was about to head into an RF hole in this are. We have good
> D-Star repeaters around here, but we also have some small mountain peaks or
> large hills that get in the way sometimes..
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of k9ruf
> Sent: Tuesday, June 04, 2013 2:57 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Using the moen board with a Pi
> Hello group,
>
> Has anyone documented the step-by-step procedure to configure the moen board
> with the raspberry pie first in simplex mode and as a repeater using two
> radios? I've downloaded the Western dstar disc images and I'm ready to go
> but I just need to know the correct steps to configure the programs.
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> I'm familiar with these programs having use them to connect my DVAP to my
> raspberry pie but now I would like to try to connect the moen board to the
> raspberry pie. Any help would be appreciated thank you.
>
> Dave
> K9RUF
> _
>

10165. RE: [gmsk_dv_node] max watt for FM transceiver

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-05 16:42:27 UTC
From: Fred PA4YBR
Topic: 10161 Message: 10165

I advise people to run their hotspots at the lowest power setting possible, which, on many FM rigs, is about 5 Watts.

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of J. M. Moen
Sent: Wednesday, June 05, 2013 12:20 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] max watt for FM transceiver

Jørgen,

There□s no standard answer to how much power to run for your homebrew Hotspot. It□s a good idea to only use as much power as you need, so if you will be using your Hotspot only a few hundred meters from your antenna, then set the power as low as possible. Obviously if you want to hit your Hotspot from farther away, you□ll want more power.

The main issue is that most ham or consumer transceivers are not meant to operate at full duty cycle. But if you link to a very busy reflector (for example, one that hosts a long-lasting net), your transmitter may be running at full duty cycle for an hour or two. It would be easy to damage your transmitter in those conditions.

A good rule of thumb is to run your Hotspot at no more than half its maximum power, and consider adding a fan or blower, and possibly get a larger heat sink if the transmitter still gets hot during long transmissions.

Jim □ K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of jorgenbodholdt
Sent: Tuesday, June 04, 2013 10:33 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] max watt for FM transceiver

Analog FM transceiver for GMSK Sheet adapter is no maximum is watt? which is best to run

10166. Re: [gmsk_dv_node] max watt for FM transceiver

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-05 16:45:48 UTC
From: Rudy Benner
Topic: 10161 Message: 10166

A BIG heatsink will make a big difference. Use thermal compound.

You don’t want the PA to get hot, in fact you don’t want it even getting warm under 100% key down.

ve3bdr – rudy

From: Fred PA4YBR
Sent: Wednesday, June 05, 2013 12:42 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] max watt for FM transceiver

I advise people to run their hotspots at the lowest power setting
possible, which, on many FM rigs, is about 5 Watts.

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of J. M. Moen
Sent: Wednesday, June 05, 2013 12:20 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] max watt for FM transceiver

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A good rule of thumb is to run your Hotspot at no more than half its maximum power, and consider adding a fan or blower, and possibly get a larger heat sink if the transmitter still gets hot during long transmissions.

Jim □ K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of jorgenbodholdt
Sent: Tuesday, June 04, 2013 10:33 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] max watt for FM transceiver

Analog FM transceiver for GMSK Sheet adapter is no maximum is watt? which is best to run

10167. D-STAR Hotspot Setup - Am I Missing Something Simple?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-05 17:03:33 UTC
From: w5iem
Topic: 10167 Message: 10167

A week or so ago I received a Moencomm board from Jim. I am trying to get it set up using a Yaesu 857D as a D-STAR hotspot, but thus far I have not had any luck. I figure I am missing something pretty simple, an I was wondering if the group had any simple suggestions.

This is my scenario:

*Laptop with 2GB RAM running Windows 7
*Moencomm board
*DB-9 to Mini Din cable purchased from Jim
*Yaesu 857-D in 9600 baud Packet mode, VHF, simplex, low power
*2m J-Pole Antenna

Right now when I run the Dutch Star test software the computer is receiving the audio from my handheld, so I know things are very close to working. It will even link to reflectors, etc. But when I do the echo test I am getting no audio. I tried the invert TX but that didn't seem to help. If I put the radio in 1200 baud packet mode, which I am 99.9% sure is incorrect, I get mostly R2D2. But in 9600 baud I get nothing. I can hit the squelch and tell that it is sending what appears to be a DV signal (faint buzz), but the handheld is not having anything to do with it.

I really think this is something very simple that I could probably figure out given enough time, but I am hoping that there is easy fix that someone can suggest to save me a great deal of time.

I appreciate any suggestions, and I apologize if this has been covered before. I hope to chat with you on the air over this hotspot soon.

Steve, W5IEM
Georgetown, KY

10168. Re: max watt for FM transceiver

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-05 17:06:22 UTC
From: jorgenbodholdt
Topic: 10161 Message: 10168

--- In gmsk_dv_node@yahoogroups.com, "Fred PA4YBR" <fred@...> wrote:
>
> I advise people to run their hotspots at the lowest power setting
> possible, which, on many FM rigs, is about 5 Watts.
>
> --fred
>
> _____
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@...m] On
> Behalf Of J. M. Moen
> Sent: Wednesday, June 05, 2013 12:20 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: RE: [gmsk_dv_node] max watt for FM transceiver
>
>
>
>
>
> Jørgen,
>
> There's no standard answer to how much power to run for your homebrew
> Hotspot. It's a good idea to only use as much power as you need, so if you
> will be using your Hotspot only a few hundred meters from your antenna, then
> set the power as low as possible. Obviously if you want to hit your Hotspot
> from farther away, you'll want more power.
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> The main issue is that most ham or consumer transceivers are not meant to
> operate at full duty cycle. But if you link to a very busy reflector (for
> example, one that hosts a long-lasting net), your transmitter may be running
> at full duty cycle for an hour or two. It would be easy to damage your
> transmitter in those conditions.
>
> A good rule of thumb is to run your Hotspot at no more than half its maximum
> power, and consider adding a fan or blower, and possibly get a larger heat
> sink if the transmitter still gets hot during long transmissions.
>
> Jim ☐ K6JM
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of jorgenbodholdt
> Sent: Tuesday, June 04, 2013 10:33 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] max watt for FM transceiver

>
> Analog FM transceiver for GMSK Sheet adapter is no maximum is watt? which is
> best to run
>

Thank you

73 Jørgen

10169. RE: [gmsk_dv_node] D-STAR Hotspot Setup - Am I Missing Something Simple?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-05 17:20:20 UTC
From: Fred PA4YBR
Topic: 10167 Message: 10169

The "faint buzz" indicates to me that the radio needs (a lot) more audio drive in 9600 mode, which is true for many Yeasu and Kenwood rigs.

Increase the TX drive (I believe the Starboard has a solder jumper for this purpose) and retry.

Oh, and yes, you can safely add that 0.1% ... 1200 is wrong :P

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of w5iem
Sent: Wednesday, June 05, 2013 7:04 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] D-STAR Hotspot Setup - Am I Missing Something Simple?

A week or so ago I received a Moencomm board from Jim. I am trying to get it set up using a Yaesu 857D as a D-STAR hotspot, but thus far I have not had any luck. I figure I am missing something pretty simple, an I was wondering if the group had any simple suggestions.

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*2m J-Pole Antenna

Right now when I run the Dutch Star test software the computer is receiving the audio from my handheld, so I know things are very close to working. It will even link to reflectors, etc. But when I do the echo test I am getting no audio. I tried the invert TX but that didn't seem to help. If I put the radio in 1200 baud packet mode, which I am 99.9% sure is incorrect, I get mostly R2D2. But in 9600 baud I get nothing. I can hit the squelch and tell that it is sending what appears to be a DV signal (faint buzz), but the handheld is not having anything to do with it.

I really think this is something very simple that I could probably figure out given enough time, but I am hoping that there is easy fix that someone can suggest to save me a great deal of time.

I appreciate any suggestions, and I apologize if this has been covered before. I hope to chat with you on the air over this hotspot soon.

Steve, W5IEM
Georgetown, KY

10170. Re: [gmsk_dv_node] D-STAR Hotspot Setup - Am I Missing Something Simple?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-05 18:57:40 UTC
From: rb95403
Topic: 10167 Message: 10170

I have my tx turned all the way clockwise. Good luck

Sent from my iPhone

On Jun 5, 2013, at 10:20 AM, "Fred PA4YBR" <fred@...> wrote:

> The "faint buzz" indicates to me that the radio needs (a lot) more audio
> drive in 9600 mode, which is true for many Yeasu and Kenwood rigs.
>
> Increase the TX drive (I believe the Starboard has a solder jumper for this
> purpose) and retry.
>
> Oh, and yes, you can safely add that 0.1% ... 1200 is wrong :P
>
> --fred
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of w5iem
> Sent: Wednesday, June 05, 2013 7:04 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] D-STAR Hotspot Setup - Am I Missing Something Simple?
>
>
> A week or so ago I received a Moencomm board from Jim. I am trying to get it set up using a Yaesu 857D as a D-STAR hotspot, but thus far I have not had any luck. I figure I am missing something pretty simple, an I was wondering if the group had any simple suggestions.
>
> This is my scenario:
>
> *Laptop with 2GB RAM running Windows 7
> *Moencomm board
> *DB-9 to Mini Din cable purchased from Jim
> *Yaesu 857-D in 9600 baud Packet mode, VHF, simplex, low power
> *2m J-Pole Antenna
>
> Right now when I run the Dutch Star test software the computer is receiving the audio from my handheld, so I know things are very close to working. It will even link to reflectors, etc. But when I do the echo test I am getting no audio. I tried the invert TX but that didn't seem to help. If I put the radio in 1200 baud packet mode, which I am 99.9% sure is incorrect, I get mostly R2D2. But in 9600 baud I get nothing. I can hit the squelch and tell that it is sending what appears to be a DV signal (faint buzz), but the handheld is not having anything to do with it.
>

> I really think this is something very simple that I could probably figure out given enough time, but I am hoping that there is easy fix that someone can suggest to save me a great deal of time.
>
> I appreciate any suggestions, and I apologize if this has been covered before. I hope to chat with you on the air over this hotspot soon.
>
> Steve, W5IEM
> Georgetown, KY
>
>
>

10171. RE: [gmsk_dv_node] D-STAR Hotspot Setup - Am I Missing Something Simple?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-05 19:19:54 UTC
From: J. M. Moen
Topic: 10167 Message: 10171

Steve,

You didn't mention which model of D-Star HT you are using. Certain radios, in particular the 31A and 51A, are more picky about the deviation, which in this configuration is controlled by the TX trim pot (R36 on the Star*Board).

You first want to find the correct setting for TX Invert. The hope is you'll get at least some decoding, possibly with a lot of R2D2, but enough to know you've found the correct TX Invert setting. Once found, leave that alone.

Then, using the Echo Test feature of NAWinTEST, make a long transmission from the HT, so the recorded message will play back for a long time to give you a chance to carefully adjust the TX trim pot.

When using my (old) 91AD, the setting is not that critical. But when I use my 51A, there is a very narrow sweet spot I have to find. Once found, you are done.

We have seen a few analog FM radios used in Hotspot service that need a lot of drive. Kenwood radios, as Fred points out, are often like that. I have found I need to crank the TX trim pot almost to maximum when using my Kenwood D700 with a 51A. On the other hand, my Yaesu FT-817 and Alinco DR-135T MkIII need less TX drive.

If you really can't find a workable setting, it's possible your 857 needs more drive than the board will deliver at max TX trim pot setting. There is a mod (bypassing a resistor), but I would not recommend it unless all else fails.

Let's take this off-list and I'll work with you to get this going.

Jim - K6JM

PS For those reading the mail, my first thought was that Steve had a mismatch between the jumper that enables RSSI support and the DUTCH*Star firmware RSSI Report setting. When these don't match, you won't get any TX audio out of the board. But since Steve wrote that he is able to hear some GMSK "noise" modulation when listening in FM mode, it is likely this is not the problem.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Fred PA4YBR
Sent: Wednesday, June 05, 2013 10:20 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] D-STAR Hotspot Setup - Am I Missing Something

Simple?

The "faint buzz" indicates to me that the radio needs (a lot) more audio drive in 9600 mode, which is true for many Yeasu and Kenwood rigs.

Increase the TX drive (I believe the Starboard has a solder jumper for this purpose) and retry.

Oh, and yes, you can safely add that 0.1% ... 1200 is wrong :P

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of w5iem
Sent: Wednesday, June 05, 2013 7:04 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] D-STAR Hotspot Setup - Am I Missing Something Simple?
A week or so ago I received a Moencomm board from Jim. I am trying to get it set up using a Yaesu 857D as a D-STAR hotspot, but thus far I have not had any luck. I figure I am missing something pretty simple, an I was wondering if the group had any simple suggestions.

This is my scenario:

*Laptop with 2GB RAM running Windows 7
*Moencomm board
*DB-9 to Mini Din cable purchased from Jim
*Yaesu 857-D in 9600 baud Packet mode, VHF, simplex, low power
*2m J-Pole Antenna

Right now when I run the Dutch Star test software the computer is receiving the audio from my handheld, so I know things are very close to working. It will even link to reflectors, etc. But when I do the echo test I am getting no audio. I tried the invert TX but that didn't seem to help. If I put the radio in 1200 baud packet mode, which I am 99.9% sure is incorrect, I get mostly R2D2. But in 9600 baud I get nothing. I can hit the squelch and tell that it is sending what appears to be a DV signal (faint buzz), but the handheld is not having anything to do with it.

I really think this is something very simple that I could probably figure out given enough time, but I am hoping that there is easy fix that someone can suggest to save me a great deal of time.

I appreciate any suggestions, and I apologize if this has been covered before. I hope to chat with you on the air over this hotspot soon.

Steve, W5IEM
Georgetown, KY

10172. RE: [gmsk_dv_node] D-STAR Hotspot Setup - Am I Missing Something Simple?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-05 19:40:46 UTC
From: J. M. Moen
Topic: 10167 Message: 10172

Just checked the 857 manual and noticed it has a very nice setting not usually found on these radios.

In addition to the normal packet data rate (menu 073 PKT RATE), there's a 9600 packet drive level adjustment (menu 072 PKT 9600). So Steve may want to crank that up a bit and try Echo Test, adjusting the TX trim pot. He could keep doing that until he finds the best combination of the radio's 9600 packet drive level and the GMSK Modem board's TX trim pot setting.

Jim - K6JM

_____
From: J. M. Moen [mailto:jim@...]
Sent: Wednesday, June 05, 2013 12:20 PM
To: 'gmsk_dv_node@yahoogroups.com'
Subject: RE: [gmsk_dv_node] D-STAR Hotspot Setup - Am I Missing Something Simple?

Steve,

You didn't mention which model of D-Star HT you are using. Certain radios, in particular the 31A and 51A, are more picky about the deviation, which in this configuration is controlled by the TX trim pot (R36 on the Star*Board).

You first want to find the correct setting for TX Invert. The hope is you'll get at least some decoding, possibly with a lot of R2D2, but enough to know you've found the correct TX Invert setting. Once found, leave that alone.

Then, using the Echo Test feature of NAWinTEST, make a long transmission from the HT, so the recorded message will play back for a long time to give you a chance to carefully adjust the TX trim pot.

When using my (old) 91AD, the setting is not that critical. But when I use my 51A, there is a very narrow sweet spot I have to find. Once found, you are done.

We have seen a few analog FM radios used in Hotspot service that need a lot of drive. Kenwood radios, as Fred points out, are often like that. I have found I need to crank the TX trim pot almost to maximum when using my Kenwood D700 with a 51A. On the other hand, my Yaesu FT-817 and Alinco DR-135T MkIII need less TX drive.

If you really can't find a workable setting, it's possible your 857 needs more drive than the board will deliver at max TX trim pot setting. There is a mod (bypassing a resistor), but I would not recommend it unless all else

fails.

Let's take this off-list and I'll work with you to get this going.

Jim - K6JM

PS For those reading the mail, my first thought was that Steve had a mismatch between the jumper that enables RSSI support and the DUTCH*Star firmware RSSI Report setting. When these don't match, you won't get any TX audio out of the board. But since Steve wrote that he is able to hear some GMSK "noise" modulation when listening in FM mode, it is likely this is not the problem.

10173. Re: D-STAR Hotspot Setup - Am I Missing Something Simple?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-06 12:13:22 UTC
From: w5iem
Topic: 10167 Message: 10173

I really appreciate the suggestions from everyone. Last night I was able to get the hotspot on the air.

The first thing I did was increase the 9600 packet level (menu 72). For whatever reason this was set on 25. Then, I increased the TX trim pot. I have it near maximum, but it is working.

I now need to improve my antenna. Since I was mainly just trying to get this on the air, I have just been using a mag mount antenna on a good piece of metal, and I was able to use the hotspot at least a couple hundred yards away. Now that I know I am on the air I will be purchasing and installing a much better antenna.

I appreciate the help from everyone.

Steve

--- In gmsk_dv_node@yahoogroups.com, "J. M. Moen" <jim@...> wrote:
>
> Just checked the 857 manual and noticed it has a very nice setting not
> usually found on these radios.
>
> In addition to the normal packet data rate (menu 073 PKT RATE), there's a
> 9600 packet drive level adjustment (menu 072 PKT 9600). So Steve may want
> to crank that up a bit and try Echo Test, adjusting the TX trim pot. He
> could keep doing that until he finds the best combination of the radio's
> 9600 packet drive level and the GMSK Modem board's TX trim pot setting.
>
> Jim - K6JM
>
> _____
> From: J. M. Moen [mailto:jim@...]
> Sent: Wednesday, June 05, 2013 12:20 PM
> To: 'gmsk_dv_node@yahoogroups.com'
> Subject: RE: [gmsk_dv_node] D-STAR Hotspot Setup - Am I Missing Something
> Simple?
>
> Steve,
>
> You didn't mention which model of D-Star HT you are using. Certain radios,
> in particular the 31A and 51A, are more picky about the deviation, which in
> this configuration is controlled by the TX trim pot (R36 on the Star*Board).
>
>
> You first want to find the correct setting for TX Invert. The hope is
> you'll get at least some decoding, possibly with a lot of R2D2, but enough
> to know you've found the correct TX Invert setting. Once found, leave that

> alone.
>
> Then, using the Echo Test feature of NAWinTEST, make a long transmission
> from the HT, so the recorded message will play back for a long time to give
> you a chance to carefully adjust the TX trim pot.
>
> When using my (old) 91AD, the setting is not that critical. But when I use
> my 51A, there is a very narrow sweet spot I have to find. Once found, you
> are done.
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> We have seen a few analog FM radios used in Hotspot service that need a lot
> of drive. Kenwood radios, as Fred points out, are often like that. I have
> found I need to crank the TX trim pot almost to maximum when using my
> Kenwood D700 with a 51A. On the other hand, my Yaesu FT-817 and Alinco
> DR-135T MkIII need less TX drive.
>
> If you really can't find a workable setting, it's possible your 857 needs
> more drive than the board will deliver at max TX trim pot setting. There is
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> fails.
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> Let's take this off-list and I'll work with you to get this going.
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> Jim - K6JM
>
> PS For those reading the mail, my first thought was that Steve had a
> mismatch between the jumper that enables RSSI support and the DUTCH*Star
> firmware RSSI Report setting. When these don't match, you won't get any TX
> audio out of the board. But since Steve wrote that he is able to hear some
> GMSK "noise" modulation when listening in FM mode, it is likely this is not
> the problem.
>

10174. fw: hi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-06 16:24:29 UTC
From: Andrew Tokely
Topic: 10174 Message: 10174

http://kgps74.ru/jcxebh/tdkcjqha.php

10175. RE: [gmsk_dv_node] Re: D-STAR Hotspot Setup - Am I Missing Something Simple?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-06 17:59:35 UTC
From: J. M. Moen
Topic: 10167 Message: 10175

Steve,

Congratulations on getting your system going.

Based on what you learned, I've posted a new file about the FT-857D on the gmsk_dv_node Yahoo Group website. It's in the Files area, in the folder Radio Files, and it's called "Yaesu FT-857D.txt". It mentions the need to adjust the 9600 packet audio level using menu #72.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of w5iem
Sent: Thursday, June 06, 2013 5:13 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: D-STAR Hotspot Setup - Am I Missing Something Simple?
I really appreciate the suggestions from everyone. Last night I was able to get the hotspot on the air.

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I appreciate the help from everyone.

Steve

--- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
, "J. M. Moen" <jim@...> wrote:
>
> Just checked the 857 manual and noticed it has a very nice setting not
> usually found on these radios.
>
> In addition to the normal packet data rate (menu 073 PKT RATE), there's a
> 9600 packet drive level adjustment (menu 072 PKT 9600). So Steve may want
> to crank that up a bit and try Echo Test, adjusting the TX trim pot. He
> could keep doing that until he finds the best combination of the radio's
> 9600 packet drive level and the GMSK Modem board's TX trim pot setting.
>

> Jim - K6JM

10176. Re: [gmsk_dv_node] D-STAR Hotspot Setup - Am I Missing Something Simple?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-06 20:25:01 UTC
From: Jeff Potteiger
Topic: 10167 Message: 10176

Sounds like you are applying the transmit data to the wrong pin. You need to make sure you are on the 9600 baud transmit pin and not the 1200 baud pin. That should do it. Let me know...

Jeff
WB8REI

Sent from my iPad

On Jun 5, 2013, at 1:03 PM, "w5iem" <steve.w5iem@...> wrote:

> A week or so ago I received a Moencomm board from Jim. I am trying to get it set up using a Yaesu 857D as a D-STAR hotspot, but thus far I have not had any luck. I figure I am missing something pretty simple, an I was wondering if the group had any simple suggestions.
>
> This is my scenario:
>
> *Laptop with 2GB RAM running Windows 7
> *Moencomm board
> *DB-9 to Mini Din cable purchased from Jim
> *Yaesu 857-D in 9600 baud Packet mode, VHF, simplex, low power
> *2m J-Pole Antenna
>
> Right now when I run the Dutch Star test software the computer is receiving the audio from my handheld, so I know things are very close to working. It will even link to reflectors, etc. But when I do the echo test I am getting no audio. I tried the invert TX but that didn't seem to help. If I put the radio in 1200 baud packet mode, which I am 99.9% sure is incorrect, I get mostly R2D2. But in 9600 baud I get nothing. I can hit the squelch and tell that it is sending what appears to be a DV signal (faint buzz), but the handheld is not having anything to do with it.
>
> I really think this is something very simple that I could probably figure out given enough time, but I am hoping that there is easy fix that someone can suggest to save me a great deal of time.
>
> I appreciate any suggestions, and I apologize if this has been covered before. I hope to chat with you on the air over this hotspot soon.
>
> Steve, W5IEM
> Georgetown, KY
>
>

10177. Re: [gmsk_dv_node] fw: hi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-06 22:05:08 UTC
From: Farrell
Topic: 10174 Message: 10177

This is spam. I hope the moderator bans this person. xxx are mine

From: Andrew Tokely
Sent: Thursday, June 06, 2013 10:24 AM
To: gmsk dv node ; Graeme Lewis ; Heinz DK5UR Urban ; ic756pro3 ; icom IC92AD ; ID880H
Subject: [gmsk_dv_node] fw: hi

http:/xxx/kgps74.ru/jcxebh/tdkcjqha.php

10178. Re: [gmsk_dv_node] fw: hi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-06 22:12:51 UTC
From: mm0fmf
Topic: 10174 Message: 10178

Compromised account.

Either a weak password, phising attack success or one of the many
thousands of Yahoo account passwords that were stolen a few months back.

Farrell wrote:
>
>
> This is spam. I hope the moderator bans this person. xxx are mine
>
> *From:* Andrew Tokely <mailto:m0lta@...>
> *Sent:* Thursday, June 06, 2013 10:24 AM
> *To:* gmsk dv node <mailto:gmsk_dv_node@yahoogroups.com> ; Graeme Lewis
> <mailto:graeme@...> ; Heinz DK5UR Urban
> <mailto:dk5ur@...> ; ic756pro3
> <mailto:ic756pro3@yahoogroups.com> ; icom IC92AD
> <mailto:icom_IC92AD@yahoogroups.com> ; ID880H
> <mailto:ID880H@yahoogroups.com>
> *Subject:* [gmsk_dv_node] fw: hi
>
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>
> http:/xxx/kgps74.ru/jcxebh/tdkcjqha.php
> <http://kgps74.ru/jcxebh/tdkcjqha.php>
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10179. GMSK Repeater 20130508 Win7 32bit

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-07 00:13:21 UTC
From: jorgenbodholdt
Topic: 10179 Message: 10179

GMSK Repeater 20130508
Win7 32bit
<Preference>
<Callsign>
call Sign
Gateway
I can not change so there will be my Callsign and Gateway

10180. Re: fw: hi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-07 17:56:15 UTC
From: m0lta
Topic: 10174 Message: 10180

Sorry guys for the spam. The account appears to have been hacked.

Account password now changed.

Andrew

--- In gmsk_dv_node@yahoogroups.com, "Farrell" <w5ezi@...> wrote:
>
> This is spam. I hope the moderator bans this person. xxx are mine
>
> From: Andrew Tokely
> Sent: Thursday, June 06, 2013 10:24 AM
> To: gmsk dv node ; Graeme Lewis ; Heinz DK5UR Urban ; ic756pro3 ; icom IC92AD ; ID880H
> Subject: [gmsk_dv_node] fw: hi
>
>
>
> http:/xxx/kgps74.ru/jcxebh/tdkcjqha.php
>

10181. X11vnc black screen

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-07 19:41:51 UTC
From: Mike Swiatkowski
Topic: 10181 Message: 10181

I am setting up the Moencomm board with the Raspberry Pi using the G4KLX firmware. I downloaded the GMSK+ircDDB+VNC image but I ran into a problem that is probably easy for you guys to solve. I am trying to view the display using Tight VNC on my Windows box but all I get is a black screen. I tinkered with a few settings and managed to get a small white block of the desktop show. What I think is happening is that the screen is locked or there is a setting I need to change to enable desktop control. So, if any of you know what this is, can you please drop me a line so I can fix it? I just need a headless display.

Thanks,
Mike, AA9VI

10182. Re: [gmsk_dv_node] X11vnc black screen

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-07 21:44:39 UTC
From: Adrian
Topic: 10181 Message: 10182

What option(s) do you run with the x11vnc ?

Take a look at the /home/~/.config/autostart file.

The best I find here is x11vnc -forever. I tried the extra -ncache 10
option, but it produces bottom artifacts.
You can see here;

http://vk4tux.no-ip.org/vnc.html

The screen is usually black to start, then mouseover usually clears the
view. Make sure you do not have a -viewonly
option on the x11vnc command also.

Un-install screen-saver and display power manager on your setup too, its
not needed.

Adrian ... vk4tux

-----Original Message-----
From: Mike Swiatkowski <mjswiatk@...>
Reply-to: gmsk_dv_node@yahoogroups.com
To: gmsk_dv_node@yahoogroups.com <gmsk_dv_node@yahoogroups.com>
Subject: [gmsk_dv_node] X11vnc black screen
Date: Fri, 7 Jun 2013 12:41:51 -0700 (PDT)

I am setting up the Moencomm board with the Raspberry Pi using the G4KLX
firmware. I downloaded the GMSK+ircDDB+VNC image but I ran into a
problem that is probably easy for you guys to solve. I am trying to
view the display using Tight VNC on my Windows box but all I get is a
black screen. I tinkered with a few settings and managed to get a small
white block of the desktop show. What I think is happening is that the
screen is locked or there is a setting I need to change to enable
desktop control. So, if any of you know what this is, can you please
drop me a line so I can fix it? I just need a headless display.

Thanks,
Mike, AA9VI

10183. Off-list: Re: fw: hi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-07 23:54:20 UTC
From: J. M. Moen
Topic: 10183 Message: 10183

Andrew,

It happens. But sometimes the problem is a virus gets on a person's machine and sends out spam, using the machine's address list. So changing the password will not stop the problem if that's what caused it. If you haven't already, you may want to check that your antivirus software is up to date and run a new scan of the machine..

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of m0lta
Sent: Friday, June 07, 2013 10:56 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: fw: hi

Sorry guys for the spam. The account appears to have been hacked.

Account password now changed.

Andrew

--- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
, "Farrell" <w5ezi@...> wrote:
>
> This is spam. I hope the moderator bans this person. xxx are mine
>
> From: Andrew Tokely
> Sent: Thursday, June 06, 2013 10:24 AM
> To: gmsk dv node ; Graeme Lewis ; Heinz DK5UR Urban ; ic756pro3 ; icom IC92AD ; ID880H
> Subject: [gmsk_dv_node] fw: hi
>
>
>
> http:/xxx/kgps74.ru/jcxebh/tdkcjqha.php

10184. Re: X11vnc black screen

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-08 01:25:14 UTC
From: mjswiatk
Topic: 10181 Message: 10184

Here's another clue..
I am getting an error "Failed to recv data from socket" about 10 seconds after the VNC session begins.

Mike, AA9VI

--- In gmsk_dv_node@yahoogroups.com, Adrian <vk4tux@...> wrote:
>
> What option(s) do you run with the x11vnc ?
>
> Take a look at the /home/~/.config/autostart file.
>
> The best I find here is x11vnc -forever. I tried the extra -ncache 10
> option, but it produces bottom artifacts.
> You can see here;
>
> http://vk4tux.no-ip.org/vnc.html
>
> The screen is usually black to start, then mouseover usually clears the
> view. Make sure you do not have a -viewonly
> option on the x11vnc command also.
>
> Un-install screen-saver and display power manager on your setup too, its
> not needed.
>
> Adrian ... vk4tux
>
>
> -----Original Message-----
> From: Mike Swiatkowski <mjswiatk@...>
> Reply-to: gmsk_dv_node@yahoogroups.com
> To: gmsk_dv_node@yahoogroups.com <gmsk_dv_node@yahoogroups.com>
> Subject: [gmsk_dv_node] X11vnc black screen
> Date: Fri, 7 Jun 2013 12:41:51 -0700 (PDT)
>
>
> I am setting up the Moencomm board with the Raspberry Pi using the G4KLX
> firmware. I downloaded the GMSK+ircDDB+VNC image but I ran into a
> problem that is probably easy for you guys to solve. I am trying to
> view the display using Tight VNC on my Windows box but all I get is a
> black screen. I tinkered with a few settings and managed to get a small
> white block of the desktop show. What I think is happening is that the
> screen is locked or there is a setting I need to change to enable
> desktop control. So, if any of you know what this is, can you please
> drop me a line so I can fix it? I just need a headless display.

>
>
> Thanks,
> Mike, AA9VI
>

10185. RE: [gmsk_dv_node] Re: X11vnc black screen

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-08 02:29:18 UTC
From: J. M. Moen
Topic: 10181 Message: 10185

Just to be sure, have you monitored your Router and can you see when the Pi boots up and gets an IP address from your router's DHCP server? Then you use that IP address to open a VNC session with the Pi?

A good visual way to see that at each boot is to watch the Pi's led's. When you apply power, they soon come up and blink rapidly. Then (at which point I think it's getting its IP address from the router), the leds all blink off for a moment, then resume. If that doesn't happen, in my observation you won't be able to connect.

I have 5 SD cards that I'm playing with. Two won't boot up properly. One of those two is new and really should boot.

Also, the good SD cards sometimes won't boot properly. You may have noticed that the SD card socket on the Pi is not very rugged, and there are reports some Pi's have pins that don't make a good contact. So you may want to be sure the SD card is making good contact, and if that doesn't work, you probably should try a different brand of SD card.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of mjswiatk
Sent: Friday, June 07, 2013 6:25 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: X11vnc black screen

Here's another clue..
I am getting an error "Failed to recv data from socket" about 10 seconds after the VNC session begins.

Mike, AA9VI

--- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>, Adrian <vk4tux@...> wrote:
>
> What option(s) do you run with the x11vnc ?
>
> Take a look at the /home/~/.config/autostart file.
>
> The best I find here is x11vnc -forever. I tried the extra -ncache 10
> option, but it produces bottom artifacts.
> You can see here;
>
> http://vk4tux.no-ip.org/vnc.html
>
> The screen is usually black to start, then mouseover usually clears the

> view. Make sure you do not have a -viewonly
> option on the x11vnc command also.
>
> Un-install screen-saver and display power manager on your setup too, its
> not needed.
>
> Adrian ... vk4tux
>
>
> -----Original Message-----
> From: Mike Swiatkowski <mjswiatk@...>
> Reply-to: gmsk_dv_node@yahoogroups.com
<mailto:gmsk_dv_node%40yahoogroups.com>
> To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
<gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com> >
> Subject: [gmsk_dv_node] X11vnc black screen
> Date: Fri, 7 Jun 2013 12:41:51 -0700 (PDT)
>
>
> I am setting up the Moencomm board with the Raspberry Pi using the G4KLX
> firmware. I downloaded the GMSK+ircDDB+VNC image but I ran into a
> problem that is probably easy for you guys to solve. I am trying to
> view the display using Tight VNC on my Windows box but all I get is a
> black screen. I tinkered with a few settings and managed to get a small
> white block of the desktop show. What I think is happening is that the
> screen is locked or there is a setting I need to change to enable
> desktop control. So, if any of you know what this is, can you please
> drop me a line so I can fix it? I just need a headless display.
>
>
> Thanks,
> Mike, AA9VI
>

10186. Re: [gmsk_dv_node] Re: X11vnc black screen

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-08 02:35:19 UTC
From: Adrian
Topic: 10181 Message: 10186

Go here;

http://www.canyouseeme.org/

CanYouSeeMe.org - Open Port Check Tool
This page will serve as a free utility for remotely verifying a port is
open or closed. It will be useful for users who wish to check to see if
a server is running or a firewall or ISP is blocking certain ports.

Your IP:
121.223.66.155
What Port?

Success: I can see your service
on121.223.66.155 on port (5900)
Your ISP is not blocking port 5900

If you don't see as above, check the port is forwarded, assign to the
Rpi internal wan IP in your router setup etc.

regards

Adrian ... vk4tux

-----Original Message-----
From: mjswiatk <mjswiatk@...>
Reply-to: gmsk_dv_node@yahoogroups.com
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: X11vnc black screen
Date: Sat, 08 Jun 2013 01:25:14 -0000

"Failed to recv data from socket" about 10 seconds after the VNC

10187. HotSpot problem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-10 13:15:41 UTC
From: f4fse
Topic: 10187 Message: 10187

Hi all,

I'm trying to configure my personnal hotspot with a Dutch Star Mini-Hotspot Rev B and a ft 857.

When I run NAWinTEST the firmware version appears correctly, The RF read works correctly also I can see the Rf header and gree lines in RF data window.
But when I run Echo Test function I can't hear my voice back on my IC91AD, the PTT led goes on the board, the transceiver goes in TX.
I tried several setting in NAWinCFG and position of TX pot without succes.

Switches position actually on the board
sw2 1.2
sw3 2.3
sw1 1.2

Any ideas are welcome :-)

Best regards.

Francis

10188. Re: [gmsk_dv_node] HotSpot problem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-10 13:36:26 UTC
From: Robert Bratberg
Topic: 10187 Message: 10188

Good morning!

In my case, I had to turn the tx audio R36 all the way clockwise. My headers are set at

SW1 up
SW2 down
SW3 on
SW4 left as seen with the usb and serial port facing up or away from you.

Best wishes! Bob

From: f4fse <francis.t@...>
To: gmsk_dv_node@yahoogroups.com
Sent: Mon, June 10, 2013 6:16:11 AM
Subject: [gmsk_dv_node] HotSpot problem

Hi all,

I'm trying to configure my personnal hotspot with a Dutch Star Mini-Hotspot Rev B and a ft 857.

When I run NAWinTEST the firmware version appears correctly, The RF read works correctly also I can see the Rf header and gree lines in RF data window.
But when I run Echo Test function I can't hear my voice back on my IC91AD, the PTT led goes on the board, the transceiver goes in TX.
I tried several setting in NAWinCFG and position of TX pot without succes.

Switches position actually on the board
sw2 1.2
sw3 2.3
sw1 1.2

Any ideas are welcome :-)

Best regards.

Francis

10189. Re: [gmsk_dv_node] HotSpot problem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-10 14:58:30 UTC
From: Francis
Topic: 10187 Message: 10189

Robert,

Thank you for your help, but I think we don't have the same board, on
mine the TX trimpot adjustement is VR6,
and I SW4 is not present on the board.

Best regards.

Francis

10190. RE: [gmsk_dv_node] HotSpot problem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-10 15:50:03 UTC
From: J. M. Moen
Topic: 10187 Message: 10190

Assuming your jumpers are correct, the most common reason for your D-Star radio not being able to decode what your Hotspot is transmitting is TX Invert. Using NAWinCFG, try changing that value and try Echo Test again.

Another common cause for unsuccessful Hotspot TX is RSSI settings. I know the Rev A board had a SW4 that had to be set to enable RSSI, but I think the later MHS boards don't have a SW4 and default to RSSI enabled. So make sure in NAWinCFG that in the Mode Settings window, RSSI Report should be checked. If it isn't checked, TX won't work.

Finally, you didn't mention what your test D-Star radio is. Some of the newer radios, like the 31A and 51A, require a very, very careful setting of the TX trimpot (which essentially is adjusting deviation). Using Echo Test, make a long transmission so when playback starts, you'll have a lot of time to carefully adjust the TX audio level.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of f4fse
Sent: Monday, June 10, 2013 6:16 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] HotSpot problem
Hi all,

I'm trying to configure my personnal hotspot with a Dutch Star Mini-Hotspot Rev B and a ft 857.

When I run NAWinTEST the firmware version appears correctly, The RF read works correctly also I can see the Rf header and gree lines in RF data window.
But when I run Echo Test function I can't hear my voice back on my IC91AD, the PTT led goes on the board, the transceiver goes in TX.
I tried several setting in NAWinCFG and position of TX pot without succes.

Switches position actually on the board
sw2 1.2
sw3 2.3
sw1 1.2

Any ideas are welcome :-)

Best regards.

Francis

10191. RE: [gmsk_dv_node] HotSpot problem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-10 16:05:17 UTC
From: Fred PA4YBR
Topic: 10187 Message: 10191

The Rev.B board does *not* have RSSI circuitry, so this has to be disabled in the Mode>RSSI Monitor option.

Also, make sure the radio is set for 9600bps mode.

Other than that, only audio drive (the "TX" trimpot) on max (the 757 requires
a lot of audio if I remember correct) and play with the TX-Invert.

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of J. M. Moen
Sent: Monday, June 10, 2013 5:50 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] HotSpot problem

Assuming your jumpers are correct, the most common reason for your D-Star radio not being able to decode what your Hotspot is transmitting is TX Invert. Using NAWinCFG, try changing that value and try Echo Test again.

Another common cause for unsuccessful Hotspot TX is RSSI settings. I know the Rev A board had a SW4 that had to be set to enable RSSI, but I think the later MHS boards don't have a SW4 and default to RSSI enabled. So make sure in NAWinCFG that in the Mode Settings window, RSSI Report should be checked. If it isn't checked, TX won't work.

Finally, you didn't mention what your test D-Star radio is. Some of the newer radios, like the 31A and 51A, require a very, very careful setting of the TX trimpot (which essentially is adjusting deviation). Using Echo Test, make a long transmission so when playback starts, you'll have a lot of time to carefully adjust the TX audio level.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of f4fse
Sent: Monday, June 10, 2013 6:16 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] HotSpot problem

Hi all,

I'm trying to configure my personnal hotspot with a Dutch Star Mini-Hotspot Rev B and a ft 857.

When I run NAWinTEST the firmware version appears correctly, The RF read works correctly also I can see the Rf header and gree lines in RF data window.
But when I run Echo Test function I can't hear my voice back on my IC91AD, the PTT led goes on the board, the transceiver goes in TX.
I tried several setting in NAWinCFG and position of TX pot without succes.

Switches position actually on the board
sw2 1.2
sw3 2.3
sw1 1.2

Any ideas are welcome :-)

Best regards.

Francis

10192. Using GMSK Client over local DStar repeater

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-10 16:14:01 UTC
From: n3pzt
Topic: 9205 Message: 10192

For the past year I have successfully used GMSK Client with the Starboard, DV Dongle and Yaesu FT-847 to work thru local DStar repeaters.
GMSK Client Pt3.jpg in Files is how it looked. I'm using TX invert for the FT-847 and that's why you see "G" under MY and "G" under RPT1 and "B" under RPT2. GMSK Client Pt5.jpg in Files shows RPT1 and RPT2 arrive correclty at the repeater as "B" for RPT1 and "G" for RPT2.

Lately, this arrangement is no longer working. Look at GMSK Client Pt4.jpg in Files and you'll now see "B" under MY and "B" under RPT1 and "B" under RPT2. It seems GMSK Client is now ignoring whatever I put in the RPT1 field.

I can receive RX audio fine. However, when I transmit the repeater doesn't key and no TX audio goes out. I've played with all the settings in NAWinCFG with no success. I've tried both the old and new versions of GMSK Client but no success. Running Win XP Pro 32 bit SP3.

If I put "B" in RPT1 and "G" in RPT2 and hit Transmit it does key the repeater and my Message scrolls across the 80AD display as I listen to the repeater and then the repeater drops. This never worked before or now. That's why only "G" in RPT1 and "B" in RPT2 worked before.

Several other notes. Using WinDV, the Starboard and DV Dongle work fine independently. Also, GMSK Client works in simplex mode when RPT1 and RPT2 are set to DIRECT, DIRECT. When I TX from the 80AD to GMSK Client the receive audio is loud and clear. However, there's a lot of garble on the 80AD radio when I first hit the GMSK Transmit button before I can speak. Once the garble settles down my audio to the 80AD is fine. I've played with R36 on the Starboard but no change.

Also, I now see this message in the GMSK Client log file:

Firmware version: DUTCH*Star HSA V0.1.00F HSFIX
This modem firmware is not fully supported by the GMSK Repeater
Please upgrade to a newer version if possible

This message never appeared in an older log file when everything was working. I have no idea why it's referring to GMSK Repeater.

I've asked Fred to send me the current firmware file.

Stewart WI3J

10193. RE: [gmsk_dv_node] HotSpot problem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-10 16:50:28 UTC
From: Francis
Topic: 10187 Message: 10193

Jim, Fred,

Thank's for your advices.

Now it's working perfectly.

There is the working configuration for a FT857.

On transceiver
9600 "PKT rate" in menu 73.
80 "PKT 9600" in menu 72.

On NAWinCFG on main window
Autopolarity, RX invert, TX invert are are not selected

In Mode settings window
Only CRC check, Last frame,and Half duplex are selected.

Switches position on the board
sw2 1.2
sw3 2.3
sw1 1.2

Just a last question what stand for "RRSI Report"?

Best regards

Francis F4FSE

10194. RE: [gmsk_dv_node] HotSpot problem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-10 17:31:21 UTC
From: Fred PA4YBR
Topic: 10187 Message: 10194

Francis,

RSSI Report is the feature where the firmware monitors the voltage on one of the I/O pins, and derives a "signal quality" from that. This can be used as a sort-of "signal strength" value in most cases (RSSI = Received Signal Strength Indicator.)

Not all boards support this... the Rev.A and Rev.B boards do not, for example. The Rev.C does.

Setting this option on a board that doesn't support it, causes TX to no longer work.

--f

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Francis
Sent: Monday, June 10, 2013 6:50 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] HotSpot problem

Jim, Fred,

Thank's for your advices.

Now it's working perfectly.

There is the working configuration for a FT857.

On transceiver
9600 "PKT rate" in menu 73.
80 "PKT 9600" in menu 72.

On NAWinCFG on main window
Autopolarity, RX invert, TX invert are are not selected

In Mode settings window
Only CRC check, Last frame,and Half duplex are selected.

Switches position on the board
sw2 1.2
sw3 2.3
sw1 1.2

Just a last question what stand for "RRSI Report"?

Best regards

Francis F4FSE

10195. RE: [gmsk_dv_node] HotSpot problem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-10 17:53:11 UTC
From: J. M. Moen
Topic: 10187 Message: 10195

If I'm using a board that supports RSSI reporting, I use it, but just remember it does not have any effect on how well the board does its job. It is only reporting a number back to the host pc's application program, which may or may not display it. But for actual Hotspot usage, it isn't needed.

However, as Fred points out, it's important that the firmware RSSI Report setting be in sync with the board, or you'll have no TX.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Fred PA4YBR
Sent: Monday, June 10, 2013 10:31 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] HotSpot problem

Francis,

RSSI Report is the feature where the firmware monitors the voltage on one of the I/O pins, and derives a "signal quality" from that. This can be used as a sort-of "signal strength" value in most cases (RSSI = Received Signal Strength Indicator.)

Not all boards support this... the Rev.A and Rev.B boards do not, for example. The Rev.C does.

Setting this option on a board that doesn't support it, causes TX to no longer work.

--f

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Francis
Sent: Monday, June 10, 2013 6:50 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] HotSpot problem

Jim, Fred,

Thank's for your advices.

Now it's working perfectly.

There is the working configuration for a FT857.

On transceiver
9600 "PKT rate" in menu 73.
80 "PKT 9600" in menu 72.

On NAWinCFG on main window
Autopolarity, RX invert, TX invert are are not selected

In Mode settings window
Only CRC check, Last frame,and Half duplex are selected.

Switches position on the board
sw2 1.2
sw3 2.3
sw1 1.2

Just a last question what stand for "RRSI Report"?

Best regards

Francis F4FSE

10196. RE: [gmsk_dv_node] HotSpot problem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-10 19:28:37 UTC
From: Francis
Topic: 10187 Message: 10196

Ok thank you for yours explainations on RSSI function.

Next step DVAR Hot Spot setting I wish it will occur well.

Best regards.

Francis F4FSE

10197. Using GMSK Client over local DStar repeater

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-10 23:38:00 UTC
From: n3pzt
Topic: 9205 Message: 10197

Fred sent me the updated firmware file. That was the fix. The error message no longer appears in the GMSK Client log file AND it now works with "B" in RPT1 and "G" in RPT2 where before they had to be reversed.

Stewart WI3J

--- In gmsk_dv_node@yahoogroups.com, "n3pzt" <n3pzt@...> wrote:
>
> For the past year I have successfully used GMSK Client with the Starboard, DV
> Dongle and Yaesu FT-847 to work thru local DStar repeaters.
> GMSK Client Pt3.jpg in Files is how it looked. I'm using TX
> invert for the FT-847 and that's why you see "G" under MY and "G" under RPT1 and
> "B" under RPT2. GMSK Client Pt5.jpg in Files shows RPT1 and RPT2 arrive correclty at the
> repeater as "B" for RPT1 and "G" for RPT2.
>
> Lately, this arrangement is no longer working. Look at GMSK Client Pt4.jpg in Files
> and you'll now see "B" under MY and "B" under RPT1 and "B"
> under RPT2. It seems GMSK Client is now ignoring whatever I put in the RPT1 field.
>
> I can receive RX audio fine. However, when I transmit the repeater doesn't key
> and no TX audio goes out. I've played with all the settings in NAWinCFG with no success.
> I've tried both the old and new versions of GMSK Client but no success. Running Win XP Pro 32 bit SP3.
>
> If I put "B" in RPT1 and "G" in RPT2 and hit Transmit it does key the repeater and my Message scrolls across the 80AD display as I listen to the repeater and then the repeater drops. This never worked before or now. That's why only "G" in RPT1 and "B" in RPT2 worked before.
>
> Several other notes. Using WinDV, the Starboard and DV Dongle work fine
> independently. Also, GMSK Client works in simplex mode when RPT1 and
> RPT2 are set to DIRECT, DIRECT. When I TX from the 80AD to GMSK
> Client the receive audio is loud and clear. However, there's a lot of garble on
> the 80AD radio when I first hit the GMSK Transmit button before I can speak. Once the garble settles down my audio to the 80AD is fine. I've played with R36 on the Starboard but no change.
>
> Also, I now see this message in the GMSK Client log file:
>
> Firmware version: DUTCH*Star HSA V0.1.00F HSFIX
> This modem firmware is not fully supported by the GMSK Repeater
> Please upgrade to a newer version if possible
>
> This message never appeared in an older log file when everything was working. I have no idea why it's referring to GMSK Repeater.

>
> I've asked Fred to send me the current firmware file.
>
> Stewart WI3J

10198. Re: ID-31A won't hear my hot spot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-11 18:47:49 UTC
From: ve3rhf
Topic: 8665 Message: 10198

Jeff - did you ever resolve this?
I'm running into the exact issue with my hotspot
(Kenwood D710A -> GMSK (Moen)->Raspberry Pi

works great with the IC-92A and IC-2830, but same symptioms you had with the ID-31A

Was thinking of a ID-51A but this has scared me off

Rod
VE3RHF
VE3RHF@...

--- In gmsk_dv_node@yahoogroups.com, "Jeffrey Kerber" <jkerber@...> wrote:
>
> Thanks for the reply, yes I am the same person who asked the question on the
> net. I have tried everything you have suggested with no results.
>
> I will try it all again tonight. I spent an hour this morning, very
> frustrating.
>
> Jeff, N3VE
>
>
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of VK5ZEA
> Sent: Thursday, February 09, 2012 5:09 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Re: ID-31A won't hear my hot spot
>
>
>
>
>
> --- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
> , "Jeffrey Kerber" <jkerber@> wrote:
> >
> > I just purchased a new ID-31A with hopes of using it with my hotspot. No
> > luck. The node radio is a Yaesu FT-8000. The hotspot works with my 92AD,
> > 9100 and 2820 but the 31A will not decode the digital signal.
> >
> > The display flashes between FM and DV while the node radio is
> transmitting.
> > I have tried to adjust the NQSMHS transmit pot, and the UHF mod pot in the
> > radio, no luck. Has anyone used the FT-8000 on UHF?
> >

> > Is there a known radio that works with the ID-31A? Help.
> >
> > Jeff, N3VE
> >
>
> Hi Jeff,
>
> Were you the guy who was asking this on some of the D-Star nets a few nights
> ago?
>
> The ID-31A DV mode is a lot more "picky" when it comes to decoding an
> incoming D-Star transmission than other D-Star radios. D-Star in general
> works better with less rather than more deviation. As a rule you don't want
> any more than around 1.4-1.6 kHz of deviation on your HotSpot radio.
>
> If you can... listen to your HotSpot on a radio using FM-N mode.
>
> Listen to how "loud" the raw GMSK data from the HotSpot radio sounds to your
> ear. Then listen to an Icom D-Star radios DV transmission and compare the
> audio level.
>
> I am suspecting you will find that the HotSpot D-Star will "sound" louder
> than the Icom radio. If you can't turn the HotSpot audio down low enough you
> may need to adjust the FT-8000's internal modulation to bring the audio down
> a bit.
>
> Michael.
> VK5ZEA
>

10199. RE: [gmsk_dv_node] Re: ID-31A won't hear my hot spot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-11 18:52:24 UTC
From: Fred PA4YBR
Topic: 8665 Message: 10199

Trim down the TX Audio setting on the board to reduce the transmitted
signal's FM deviation. The ID-31 and ID-51 are more picky on the signal
they receive; if it's too wide, the "extra" will fall outside its filters
and
thus not be "heard"... bad signal. Lowering the deviation (stuffing less
GMSK "audio" into the transmitter) will fix that.

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of ve3rhf
Sent: Tuesday, June 11, 2013 8:48 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: ID-31A won't hear my hot spot

Jeff - did you ever resolve this?
I'm running into the exact issue with my hotspot
(Kenwood D710A -> GMSK (Moen)->Raspberry Pi

works great with the IC-92A and IC-2830, but same symptioms you had with the
ID-31A

Was thinking of a ID-51A but this has scared me off

Rod
VE3RHF
VE3RHF@... <mailto:VE3RHF%40gmail.com>

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> Jeff, N3VE
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> From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
[mailto:gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
] On

> Behalf Of VK5ZEA
> Sent: Thursday, February 09, 2012 5:09 AM
> To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
> Subject: [gmsk_dv_node] Re: ID-31A won't hear my hot spot
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> Michael.
> VK5ZEA
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10200. Re: ID-31A won't hear my hot spot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-11 19:20:41 UTC
From: ve3rhf
Topic: 8665 Message: 10200

Fred
Thanks for the superquick response!
(And the Beta Firmware a couple of days ago)
Playing around with your suggestion:
I'm dropping the TX Audio (R36 on the Matrix board) and no effect on the 31A - or not enough range to reduce the FM Deviation.
it does seem to be limited to the ID-31A
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VE3RHF@...

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> GMSK "audio" into the transmitter) will fix that.
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> Sent: Tuesday, June 11, 2013 8:48 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Re: ID-31A won't hear my hot spot
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> I'm running into the exact issue with my hotspot
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10201. RE: [gmsk_dv_node] Re: ID-31A won't hear my hot spot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-11 19:26:10 UTC
From: Fred PA4YBR
Topic: 8665 Message: 10201

Nope..... it should work fine. I no longer have an -31 to play with, but last time I checked, it worked fine.

Jim?

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of ve3rhf
Sent: Tuesday, June 11, 2013 9:21 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: ID-31A won't hear my hot spot

Fred
Thanks for the superquick response!
(And the Beta Firmware a couple of days ago)
Playing around with your suggestion:
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10202. Terminals for Repeater

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-11 20:04:35 UTC
From: Mike Swiatkowski
Topic: 10202 Message: 10202

What is the proper way to define the terminals for a repeater? I looked at Jim's instructions and it seems you define two of them. So for my local repeater, one would use a space for the initial, one would use the letter R. Is this correct? But, what confuses me is that this is a "B" repeater being UHF. So, does that not matter?

Mike, AA9VI

10203. RE: [gmsk_dv_node] Re: ID-31A won't hear my hot spot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-11 20:14:31 UTC
From: Ken Boyle
Topic: 8665 Message: 10203

Try taking the transmitter out of narrowband
73,
Ken
KC2IDB

Fred PA4YBR <fred@dutch-star.eu> wrote:

>
>
>Nope..... it should work fine. I no longer have an -31 to play with, but
>
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>Jim?
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><!-- #ygrp-mkp { border: 1px solid #d8d8d8; font-family: Arial; margin: 10px 0; padding: 0
10px; } #ygrp-mkp hr { border: 1px solid #d8d8d8; } #ygrp-mkp #hd { color: #628c2a;
font-size: 85%; font-weight: 700; line-height: 122%; margin: 10px 0; } #ygrp-mkp #ads {
margin-bottom: 10px; } #ygrp-mkp .ad { padding: 0 0; } #ygrp-mkp .ad p { margin: 0; }
#ygrp-mkp .ad a { color: #0000ff; text-decoration: none; } #ygrp-sponsor #ygrp-lc {
font-family: Arial; } #ygrp-sponsor #ygrp-lc #hd { margin: 10px 0px; font-weight: 700;
font-size: 78%; line-height: 122%; } #ygrp-sponsor #ygrp-lc .ad { margin-bottom: 10px;
padding: 0 0; } #actions { font-family: Verdana; font-size: 11px; padding: 10px 0; }
#activity { background-color: #e0ecee; float: left; font-family: Verdana; font-size: 10px;
padding: 10px; } #activity span { font-weight: 700; } #activity span:first-child {
text-transform: uppercase; } #activity span a { color: #5085b6; text-decoration: none; }
#activity span span { color: #ff7900; } #activity span .underline { text-decoration:
underline; } .attach { clear: both; display: table; font-family: Arial; font-size: 12px;
padding: 10px 0; width: 400px; } .attach div a { text-decoration: none; } .attach img {
border: none; padding-right: 5px; } .attach label { display: block; margin-bottom: 5px; }
.attach label a { text-decoration: none; } blockquote { margin: 0 0 0 4px; } .bold {
font-family: Arial; font-size: 13px; font-weight: 700; } .bold a { text-decoration: none; }
dd.last p a { font-family: Verdana; font-weight: 700; } dd.last p span { margin-right:
10px; font-family: Verdana; font-weight: 700; } dd.last p span.yshortcuts { margin-right:
0; } div.attach-table div div a { text-decoration: none; } div.attach-table { width: 400px;
} div.file-title a, div.file-title a:active, div.file-title a:hover, div.file-title
a:visited { text-decoration: none; } div.photo-title a, div.photo-title a:active,
div.photo-title a:hover, div.photo-title a:visited { text-decoration: none; }
div#ygrp-mlmsg #ygrp-msg p a span.yshortcuts { font-family: Verdana; font-size: 10px;
font-weight: normal; } .green { color: #628c2a; } .MsoNormal { margin: 0 0 0 0; } o {
font-size: 0; } #photos div { float: left; width: 72px; } #photos div div { border: 1px
solid #666666; height: 62px; overflow: hidden; width: 62px; } #photos div label { color:
#666666; font-size: 10px; overflow: hidden; text-align: center; white-space: nowrap;
width: 64px; } #reco-category { font-size: 77%; } #reco-desc { font-size: 77%; } .replbq {
margin: 4px; } #ygrp-actbar div a:first-child { /* border-right: 0px solid #000;*/
margin-right: 2px; padding-right: 5px; } #ygrp-mlmsg { font-size: 13px; font-family:
Arial, helvetica,clean, sans-serif; *font-size: small; *font: x-small; } #ygrp-mlmsg table
{ font-size: inherit; font: 100%; } #ygrp-mlmsg select, input, textarea { font: 99% Arial,
Helvetica, clean, sans-serif; } #ygrp-mlmsg pre, code { font:115% monospace;
*font-size:100%; } #ygrp-mlmsg * { line-height: 1.22em; } #ygrp-mlmsg #logo {
padding-bottom: 10px; } #ygrp-msg p a { font-family: Verdana; } #ygrp-msg p#attach-count
span { color: #1E66AE; font-weight: 700; } #ygrp-reco #reco-head { color: #ff7900;
font-weight: 700; } #ygrp-reco { margin-bottom: 20px; padding: 0px; } #ygrp-sponsor #ov li
a { font-size: 130%; text-decoration: none; } #ygrp-sponsor #ov li { font-size: 77%;

list-style-type: square; padding: 6px 0; } #ygrp-sponsor #ov ul { margin: 0; padding: 0 0 0 8px; } #ygrp-text { font-family: Georgia; } #ygrp-text p { margin: 0 0 1em 0; } #ygrp-text tt { font-size: 120%; } #ygrp-vital ul li:last-child { border-right: none !important; } -->

10204. RE: [gmsk_dv_node] Terminals for Repeater

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-11 20:25:26 UTC
From: Fred PA4YBR
Topic: 10202 Message: 10204

Mike,

The convention is:

A for an RF port on 23cm
B for an RF port on 70cm
C for an RF port on 2m
D for a DV Dongle, or for a DATA port on 23cm

N sometimes used for a (simplex) hotspot which often changes frequency bands
R ditto, for a (duplex) repeater

Safest is to stick with the first three.

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Mike Swiatkowski
Sent: Tuesday, June 11, 2013 10:05 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Terminals for Repeater

What is the proper way to define the terminals for a repeater? I looked at Jim's instructions and it seems you define two of them. So for my local repeater, one would use a space for the initial, one would use the letter R. Is this correct? But, what confuses me is that this is a "B" repeater being UHF. So, does that not matter?

Mike, AA9VI

10205. Re: ID-31A won't hear my hot spot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-11 20:51:00 UTC
From: ve3rhf
Topic: 8665 Message: 10205

SUCCESS!

Thanks Ken!
I took the D710A out of narrowband FM and then turned down the TX on the Star*Board.
Seems much better - I'll spend some time testing, but looks good - Many thanks!

Rod

--- In gmsk_dv_node@yahoogroups.com, Ken Boyle <kc2idb@...> wrote:
>
> Try taking the transmitter out of narrowband
> 73,
> Ken
> KC2IDB
>
> Fred PA4YBR <fred@...> wrote:
>
> >Â
> >
> >Nope..... it should work fine.Â I no longer have an -31 to play with, but
> >
> >last time I checked, it worked fine.
> >
> >Â
> >
> >Jim?
> >
> >Â
> >
> >--fred
> >
> >
> >From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of ve3rhf
> >Sent: Tuesday, June 11, 2013 9:21 PM
> >To: gmsk_dv_node@yahoogroups.com
> >Subject: [gmsk_dv_node] Re: ID-31A won't hear my hot spot
> >
> >Â
> >
> >Fred
> >Thanks for the superquick response!
> >(And the Beta Firmware a couple of days ago)
> >Playing around with your suggestion:
> >I'm dropping the TX Audio (R36 on the Matrix board) and no effect on the 31A - or not enough range to reduce the FM Deviation.

> >it does seem to be limited to the ID-31A
> >Any ideas on the Radio side?
> >
> >Rod
> >VE3RHF@...
> >
> >--- In gmsk_dv_node@yahoogroups.com, "Fred PA4YBR" <fred@> wrote:
> >>
> >> Trim down the TX Audio setting on the board to reduce the transmitted
> >> signal's FM deviation. The ID-31 and ID-51 are more picky on the signal
> >> they receive; if it's too wide, the "extra" will fall outside its filters
> >> and
> >> thus not be "heard"... bad signal. Lowering the deviation (stuffing less
> >> GMSK "audio" into the transmitter) will fix that.
> >>
> >> --fred
> >>
> >> _____
> >>
> >> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
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> >> To: gmsk_dv_node@yahoogroups.com
> >> Subject: [gmsk_dv_node] Re: ID-31A won't hear my hot spot
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> >>
> >>
> >>
> >> Jeff - did you ever resolve this?
> >> I'm running into the exact issue with my hotspot
> >> (Kenwood D710A -> GMSK (Moen)->Raspberry Pi
> >>
> >> works great with the IC-92A and IC-2830, but same symptioms you had with the
> >> ID-31A
> >>
> >> Was thinking of a ID-51A but this has scared me off
> >>
> >> Rod
> >> VE3RHF
> >> VE3RHF@ <mailto:VE3RHF%40gmail.com>
> >>
> >> --- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
> >> , "Jeffrey Kerber" <jkerber@> wrote:
> >> >
> >> > Thanks for the reply, yes I am the same person who asked the question on
> >> the
> >> > net. I have tried everything you have suggested with no results.
> >> >
> >> > I will try it all again tonight. I spent an hour this morning, very
> >> > frustrating.

> >> >
> >> > Jeff, N3VE
> >> >
> >> >
> >> >
> >> > From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
> >> [mailto:gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
> >>] On
> >> > Behalf Of VK5ZEA
> >> > Sent: Thursday, February 09, 2012 5:09 AM
> >> > To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
> >> > Subject: [gmsk_dv_node] Re: ID-31A won't hear my hot spot
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> >> > , "Jeffrey Kerber" <jkerber@> wrote:
> >> > >
> >> > > I just purchased a new ID-31A with hopes of using it with my hotspot. No
> >> > > luck. The node radio is a Yaesu FT-8000. The hotspot works with my 92AD,
> >> > > 9100 and 2820 but the 31A will not decode the digital signal.
> >> > >
> >> > > The display flashes between FM and DV while the node radio is
> >> > transmitting.
> >> > > I have tried to adjust the NQSMHS transmit pot, and the UHF mod pot in
> >> the
> >> > > radio, no luck. Has anyone used the FT-8000 on UHF?
> >> > >
> >> > > Is there a known radio that works with the ID-31A? Help.
> >> > >
> >> > > Jeff, N3VE
> >> > >
> >> >
> >> > Hi Jeff,
> >> >
> >> > Were you the guy who was asking this on some of the D-Star nets a few
> >> nights
> >> > ago?
> >> >
> >> > The ID-31A DV mode is a lot more "picky" when it comes to decoding an
> >> > incoming D-Star transmission than other D-Star radios. D-Star in general
> >> > works better with less rather than more deviation. As a rule you don't
> >> want
> >> > any more than around 1.4-1.6 kHz of deviation on your HotSpot radio.
> >> >
> >> > If you can... listen to your HotSpot on a radio using FM-N mode.

> >> >
> >> > Listen to how "loud" the raw GMSK data from the HotSpot radio sounds to
> >> your
> >> > ear. Then listen to an Icom D-Star radios DV transmission and compare the
> >> > audio level.
> >> >
> >> > I am suspecting you will find that the HotSpot D-Star will "sound" louder
> >> > than the Icom radio. If you can't turn the HotSpot audio down low enough
> >> you
> >> > may need to adjust the FT-8000's internal modulation to bring the audio
> >> down
> >> > a bit.
> >> >
> >> > Michael.
> >> > VK5ZEA
> >> >
> >>
> >
> >
> >
> ><!-- #ygrp-mkp { border: 1px solid #d8d8d8; font-family: Arial; margin: 10px 0; padding:
0 10px; } #ygrp-mkp hr { border: 1px solid #d8d8d8; } #ygrp-mkp #hd { color: #628c2a;
font-size: 85%; font-weight: 700; line-height: 122%; margin: 10px 0; } #ygrp-mkp #ads {
margin-bottom: 10px; } #ygrp-mkp .ad { padding: 0 0; } #ygrp-mkp .ad p { margin: 0; }
#ygrp-mkp .ad a { color: #0000ff; text-decoration: none; } #ygrp-sponsor #ygrp-lc {
font-family: Arial; } #ygrp-sponsor #ygrp-lc #hd { margin: 10px 0px; font-weight: 700;
font-size: 78%; line-height: 122%; } #ygrp-sponsor #ygrp-lc .ad { margin-bottom: 10px;
padding: 0 0; } #actions { font-family: Verdana; font-size: 11px; padding: 10px 0; }
#activity { background-color: #e0ecee; float: left; font-family: Verdana; font-size: 10px;
padding: 10px; } #activity span { font-weight: 700; } #activity span:first-child {
text-transform: uppercase; } #activity span a { color: #5085b6; text-decoration: none; }
#activity span span { color: #ff7900; } #activity span .underline { text-decoration:
underline; } .attach { clear: both; display: table; font-family: Arial; font-size: 12px;
padding: 10px 0; width: 400px; } .attach div a { text-decoration: none; } .attach img {
border: none; padding-right: 5px; } .attach label { display: block; margin-bottom: 5px; }
.attach label a { text-decoration: none; } blockquote { margin: 0 0 0 4px; } .bold {
font-family: Arial; font-size: 13px; font-weight: 700; } .bold a { text-decoration: none; }
dd.last p a { font-family: Verdana; font-weight: 700; } dd.last p span { margin-right:
10px; font-family: Verdana; font-weight: 700; } dd.last p span.yshortcuts { margin-right:
0; } div.attach-table div div a { text-decoration: none; } div.attach-table { width: 400px;
} div.file-title a, div.file-title a:active, div.file-title a:hover, div.file-title
a:visited { text-decoration: none; } div.photo-title a, div.photo-title a:active,
div.photo-title a:hover, div.photo-title a:visited { text-decoration: none; }
div#ygrp-mlmsg #ygrp-msg p a span.yshortcuts { font-family: Verdana; font-size: 10px;
font-weight: normal; } .green { color: #628c2a; } .MsoNormal { margin: 0 0 0 0; } o {
font-size: 0; } #photos div { float: left; width: 72px; } #photos div div { border: 1px
solid #666666; height: 62px; overflow: hidden; width: 62px; } #photos div label { color:
#666666; font-size: 10px; overflow: hidden; text-align: center; white-space: nowrap;
width: 64px; } #reco-category { font-size: 77%; } #reco-desc { font-size: 77%; } .replbq {
margin: 4px; } #ygrp-actbar div a:first-child { /* border-right: 0px solid #000;*/

margin-right: 2px; padding-right: 5px; } #ygrp-mlmsg { font-size: 13px; font-family: Arial, helvetica,clean, sans-serif; *font-size: small; *font: x-small; } #ygrp-mlmsg table { font-size: inherit; font: 100%; } #ygrp-mlmsg select, input, textarea { font: 99% Arial, Helvetica, clean, sans-serif; } #ygrp-mlmsg pre, code { font:115% monospace; *font-size:100%; } #ygrp-mlmsg * { line-height: 1.22em; } #ygrp-mlmsg #logo { padding-bottom: 10px; } #ygrp-msg p a { font-family: Verdana; } #ygrp-msg p#attach-count span { color: #1E66AE; font-weight: 700; } #ygrp-reco #reco-head { color: #ff7900; font-weight: 700; } #ygrp-reco { margin-bottom: 20px; padding: 0px; } #ygrp-sponsor #ov li a { font-size: 130%; text-decoration: none; } #ygrp-sponsor #ov li { font-size: 77%; list-style-type: square; padding: 6px 0; } #ygrp-sponsor #ov ul { margin: 0; padding: 0 0 0 8px; } #ygrp-text { font-family: Georgia; } #ygrp-text p { margin: 0 0 1em 0; } #ygrp-text tt { font-size: 120%; } #ygrp-vital ul li:last-child { border-right: none !important; } -->

10206. Re: Terminals for Repeater

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-11 20:51:44 UTC
From: mjswiatk
Topic: 10202 Message: 10206

Thanks Fred. Do I need to define a gateway "G" for a repeater also? What is the RPT checkbox for? Should I check that for a repeater?

Mike

--- In gmsk_dv_node@yahoogroups.com, "Fred PA4YBR" <fred@...> wrote:
>
> Mike,
>
> The convention is:
>
> A for an RF port on 23cm
> B for an RF port on 70cm
> C for an RF port on 2m
> D for a DV Dongle, or for a DATA port on 23cm
>
> N sometimes used for a (simplex) hotspot which often changes frequency
> bands
> R ditto, for a (duplex) repeater
>
> Safest is to stick with the first three.
>
> Fred
>
> _____
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of Mike Swiatkowski
> Sent: Tuesday, June 11, 2013 10:05 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Terminals for Repeater
>
>
>
>
>
>
> What is the proper way to define the terminals for a repeater? I looked at
> Jim's instructions and it seems you define two of them. So for my local
> repeater, one would use a space for the initial, one would use the letter R.
> Is this correct? But, what confuses me is that this is a "B" repeater being
> UHF. So, does that not matter?
>
> Mike, AA9VI
>

10207. RE: [gmsk_dv_node] Re: Terminals for Repeater

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-11 21:03:07 UTC
From: Fred PA4YBR
Topic: 10202 Message: 10207

No, the G terminal usually doesnt have to be registered, as that is not "used" anywhere as such.

Your question was about registering terminals, and yes, I forgot that you'd also want to register
the "blank" (or "space") terminal, as that normally is the user him/herself.

No, you don't want to check RPT, its a thing from the past.

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of mjswiatk
Sent: Tuesday, June 11, 2013 10:52 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Terminals for Repeater

Thanks Fred. Do I need to define a gateway "G" for a repeater also? What is the RPT checkbox for? Should I check that for a repeater?

Mike

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> R ditto, for a (duplex) repeater
>
> Safest is to stick with the first three.
>
> Fred
>
> -----
>
> From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>

[mailto:gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
] On
> Behalf Of Mike Swiatkowski
> Sent: Tuesday, June 11, 2013 10:05 PM
> To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
> Subject: [gmsk_dv_node] Terminals for Repeater
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>
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> Is this correct? But, what confuses me is that this is a "B" repeater
being
> UHF. So, does that not matter?
>
> Mike, AA9VI
>

10208. [SOLVED] Re: [gmsk_dv_node] Re: ID-31A won't hear my hot spot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-11 21:08:28 UTC
From: Ken Boyle
Topic: 10208 Message: 10208

The id31 and id51 have very picky receivers it will still need some finer tuning for range.. Glad it worked for you
73,
Ken
KC2IDB

ve3rhf <ve3rhf@gmail.com> wrote:

>
>
>SUCCESS!
>
>Thanks Ken!
>I took the D710A out of narrowband FM and then turned down the TX on the Star*Board.
>Seems much better - I'll spend some time testing, but looks good - Many thanks!
>
>Rod
>
>--- In gmsk_dv_node@yahoogroups.com, Ken Boyle <kc2idb@...> wrote:
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>> Try taking the transmitter out of narrowband
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>> Ken
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>> >Nope..... it should work fine.Â I no longer have an -31 to play with, but
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>> >Sent: Tuesday, June 11, 2013 9:21 PM

>> >To: gmsk_dv_node@yahoogroups.com
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>> >Fred
>> >Thanks for the superquick response!
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>> >Playing around with your suggestion:
>> >I'm dropping the TX Audio (R36 on the Matrix board) and no effect on the 31A - or not enough range to reduce the FM Deviation.
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>> >> Trim down the TX Audio setting on the board to reduce the transmitted
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>> >> Behalf Of ve3rhf
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>> >> Jeff - did you ever resolve this?
>> >> I'm running into the exact issue with my hotspot
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>> >> works great with the IC-92A and IC-2830, but same symptioms you had with the
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>> >> VE3RHF@ <mailto:VE3RHF%40gmail.com>
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dd.last p a { font-family: Verdana; font-weight: 700; } dd.last p span { margin-right:
10px; font-family: Verdana; font-weight: 700; } dd.last p span.yshortcuts { margin-right:

0; } div.attach-table div div a { text-decoration: none; } div.attach-table { width: 400px; } div.file-title a, div.file-title a:active, div.file-title a:hover, div.file-title a:visited { text-decoration: none; } div.photo-title a, div.photo-title a:active, div.photo-title a:hover, div.photo-title a:visited { text-decoration: none; } div#ygrp-mlmsg #ygrp-msg p a span.yshortcuts { font-family: Verdana; font-size: 10px; font-weight: normal; } .green { color: #628c2a; } .MsoNormal { margin: 0 0 0 0; } o { font-size: 0; } #photos div { float: left; width: 72px; } #photos div div { border: 1px solid #666666; height: 62px; overflow: hidden; width: 62px; } #photos div label { color: #666666; font-size: 10px; overflow: hidden; text-align: center; white-space: nowrap; width: 64px; } #reco-category { font-size: 77%; } #reco-desc { font-size: 77%; } .replbq { margin: 4px; } #ygrp-actbar div a:first-child { /* border-right: 0px solid #000;*/ margin-right: 2px; padding-right: 5px; } #ygrp-mlmsg { font-size: 13px; font-family: Arial, helvetica,clean, sans-serif; *font-size: small; *font: x-small; } #ygrp-mlmsg table { font-size: inherit; font: 100%; } #ygrp-mlmsg select, input, textarea { font: 99% Arial, Helvetica, clean, sans-serif; } #ygrp-mlmsg pre, code { font:115% monospace; *font-size:100%; } #ygrp-mlmsg * { line-height: 1.22em; } #ygrp-mlmsg #logo { padding-bottom: 10px; } #ygrp-msg p a { font-family: Verdana; } #ygrp-msg p#attach-count span { color: #1E66AE; font-weight: 700; } #ygrp-reco #reco-head { color: #ff7900; font-weight: 700; } #ygrp-reco { margin-bottom: 20px; padding: 0px; } #ygrp-sponsor #ov li a { font-size: 130%; text-decoration: none; } #ygrp-sponsor #ov li { font-size: 77%; list-style-type: square; padding: 6px 0; } #ygrp-sponsor #ov ul { margin: 0; padding: 0 0 0 8px; } #ygrp-text { font-family: Georgia; } #ygrp-text p { margin: 0 0 1em 0; } #ygrp-text tt { font-size: 120%; } #ygrp-vital ul li:last-child { border-right: none !important; } -->
>>
>
>
>
><!-- #ygrp-mkp { border: 1px solid #d8d8d8; font-family: Arial; margin: 10px 0; padding: 0 10px; } #ygrp-mkp hr { border: 1px solid #d8d8d8; } #ygrp-mkp #hd { color: #628c2a; font-size: 85%; font-weight: 700; line-height: 122%; margin: 10px 0; } #ygrp-mkp #ads { margin-bottom: 10px; } #ygrp-mkp .ad { padding: 0 0; } #ygrp-mkp .ad p { margin: 0; } #ygrp-mkp .ad a { color: #0000ff; text-decoration: none; } #ygrp-sponsor #ygrp-lc { font-family: Arial; } #ygrp-sponsor #ygrp-lc #hd { margin: 10px 0px; font-weight: 700; font-size: 78%; line-height: 122%; } #ygrp-sponsor #ygrp-lc .ad { margin-bottom: 10px; padding: 0 0; } #actions { font-family: Verdana; font-size: 11px; padding: 10px 0; } #activity { background-color: #e0ecee; float: left; font-family: Verdana; font-size: 10px; padding: 10px; } #activity span { font-weight: 700; } #activity span:first-child { text-transform: uppercase; } #activity span a { color: #5085b6; text-decoration: none; } #activity span span { color: #ff7900; } #activity span .underline { text-decoration: underline; } .attach { clear: both; display: table; font-family: Arial; font-size: 12px; padding: 10px 0; width: 400px; } .attach div a { text-decoration: none; } .attach img { border: none; padding-right: 5px; } .attach label { display: block; margin-bottom: 5px; } .attach label a { text-decoration: none; } blockquote { margin: 0 0 0 4px; } .bold { font-family: Arial; font-size: 13px; font-weight: 700; } .bold a { text-decoration: none; } dd.last p a { font-family: Verdana; font-weight: 700; } dd.last p span { margin-right: 10px; font-family: Verdana; font-weight: 700; } dd.last p span.yshortcuts { margin-right: 0; } div.attach-table div div a { text-decoration: none; } div.attach-table { width: 400px; } div.file-title a, div.file-title a:active, div.file-title a:hover, div.file-title a:visited { text-decoration: none; } div.photo-title a, div.photo-title a:active, div.photo-title a:hover, div.photo-title a:visited { text-decoration: none; } div#ygrp-mlmsg #ygrp-msg p a span.yshortcuts { font-family: Verdana; font-size: 10px;

font-weight: normal; } .green { color: #628c2a; } .MsoNormal { margin: 0 0 0 0; } o { font-size: 0; } #photos div { float: left; width: 72px; } #photos div div { border: 1px solid #666666; height: 62px; overflow: hidden; width: 62px; } #photos div label { color: #666666; font-size: 10px; overflow: hidden; text-align: center; white-space: nowrap; width: 64px; } #reco-category { font-size: 77%; } #reco-desc { font-size: 77%; } .replbq { margin: 4px; } #ygrp-actbar div a:first-child { /* border-right: 0px solid #000;*/ margin-right: 2px; padding-right: 5px; } #ygrp-mlmsg { font-size: 13px; font-family: Arial, helvetica,clean, sans-serif; *font-size: small; *font: x-small; } #ygrp-mlmsg table { font-size: inherit; font: 100%; } #ygrp-mlmsg select, input, textarea { font: 99% Arial, Helvetica, clean, sans-serif; } #ygrp-mlmsg pre, code { font:115% monospace; *font-size:100%; } #ygrp-mlmsg * { line-height: 1.22em; } #ygrp-mlmsg #logo { padding-bottom: 10px; } #ygrp-msg p a { font-family: Verdana; } #ygrp-msg p#attach-count span { color: #1E66AE; font-weight: 700; } #ygrp-reco #reco-head { color: #ff7900; font-weight: 700; } #ygrp-reco { margin-bottom: 20px; padding: 0px; } #ygrp-sponsor #ov li a { font-size: 130%; text-decoration: none; } #ygrp-sponsor #ov li { font-size: 77%; list-style-type: square; padding: 6px 0; } #ygrp-sponsor #ov ul { margin: 0; padding: 0 0 0 8px; } #ygrp-text { font-family: Georgia; } #ygrp-text p { margin: 0 0 1em 0; } #ygrp-text tt { font-size: 120%; } #ygrp-vital ul li:last-child { border-right: none !important; } -->

10209. Re: [gmsk_dv_node] Re: ID-31A won't hear my hot spot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-11 21:02:36 UTC
From: Michael Walker
Topic: 8665 Message: 10209

Rod

Sound like you are almost there!

They are deviation critical. You might need to borrow an IFR and get it adjusted somehow.

You are welcome to mine, but you might have to drive over here and get it. :)

Mike va3mw

On Tue, Jun 11, 2013 at 4:51 PM, ve3rhf <ve3rhf@...> wrote:

> **
>
>
> SUCCESS!
>
> Thanks Ken!
> I took the D710A out of narrowband FM and then turned down the TX on the
> Star*Board.
> Seems much better - I'll spend some time testing, but looks good - Many
> thanks!
>
> Rod
>
>
> --- In gmsk_dv_node@yahoogroups.com, Ken Boyle <kc2idb@...> wrote:
> >
> > Try taking the transmitter out of narrowband
> > 73,
> > Ken
> > KC2IDB
> >
> > Fred PA4YBR <fred@...> wrote:
> >
> > >Â
> > >
> > >Nope..... it should work fine.Â I no longer have an -31 to play with,
> but
>
> > >
> > >last time I checked, it worked fine.
> > >
> > >Â

> > >
> > >Jim?
> > >
> > >Â
> > >
> > >--fred
>
> > >
> > >
> > >From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
> On Behalf Of ve3rhf
> > >Sent: Tuesday, June 11, 2013 9:21 PM
> > >To: gmsk_dv_node@yahoogroups.com
> > >Subject: [gmsk_dv_node] Re: ID-31A won't hear my hot spot
> > >
> > >Â
> > >
> > >Fred
> > >Thanks for the superquick response!
> > >(And the Beta Firmware a couple of days ago)
> > >Playing around with your suggestion:
> > >I'm dropping the TX Audio (R36 on the Matrix board) and no effect on
> the 31A - or not enough range to reduce the FM Deviation.
> > >it does seem to be limited to the ID-31A
> > >Any ideas on the Radio side?
> > >
> > >Rod
> > >VE3RHF@...
>
> > >
> > >--- In gmsk_dv_node@yahoogroups.com, "Fred PA4YBR" <fred@> wrote:
> > >>
> > >> Trim down the TX Audio setting on the board to reduce the transmitted
> > >> signal's FM deviation. The ID-31 and ID-51 are more picky on the
> signal
> > >> they receive; if it's too wide, the "extra" will fall outside its
> filters
> > >> and
> > >> thus not be "heard"... bad signal. Lowering the deviation (stuffing
> less
> > >> GMSK "audio" into the transmitter) will fix that.
> > >>
> > >> --fred
> > >>
> > >> _____
> > >>
> > >> From: gmsk_dv_node@yahoogroups.com [mailto:
> gmsk_dv_node@yahoogroups.com] On
> > >> Behalf Of ve3rhf
> > >> Sent: Tuesday, June 11, 2013 8:48 PM

> > >> To: gmsk_dv_node@yahoogroups.com
> > >> Subject: [gmsk_dv_node] Re: ID-31A won't hear my hot spot
> > >>
> > >>
> > >>
> > >>
> > >> Jeff - did you ever resolve this?
> > >> I'm running into the exact issue with my hotspot
> > >> (Kenwood D710A -> GMSK (Moen)->Raspberry Pi
> > >>
> > >> works great with the IC-92A and IC-2830, but same symptioms you had
> with the
> > >> ID-31A
> > >>
> > >> Was thinking of a ID-51A but this has scared me off
> > >>
> > >> Rod
> > >> VE3RHF
> > >> VE3RHF@ <mailto:VE3RHF%40gmail.com>
> > >>
> > >> --- In gmsk_dv_node@yahoogroups.com <mailto:
> gmsk_dv_node%40yahoogroups.com>
> > >> , "Jeffrey Kerber" <jkerber@> wrote:
> > >> >
> > >> > Thanks for the reply, yes I am the same person who asked the
> question on
> > >> the
> > >> > net. I have tried everything you have suggested with no results.
> > >> >
> > >> > I will try it all again tonight. I spent an hour this morning, very
> > >> > frustrating.
> > >> >
> > >> > Jeff, N3VE
> > >> >
> > >> >
> > >> >
> > >> > From: gmsk_dv_node@yahoogroups.com <mailto:
> gmsk_dv_node%40yahoogroups.com>
> > >> [mailto:gmsk_dv_node@yahoogroups.com <mailto:
> gmsk_dv_node%40yahoogroups.com>
> > >>] On
> > >> > Behalf Of VK5ZEA
> > >> > Sent: Thursday, February 09, 2012 5:09 AM
> > >> > To: gmsk_dv_node@yahoogroups.com <mailto:
> gmsk_dv_node%40yahoogroups.com>
> > >> > Subject: [gmsk_dv_node] Re: ID-31A won't hear my hot spot
> > >> >
> > >> >
> > >> >
> > >> >

> > >> >
> > >> > --- In gmsk_dv_node@yahoogroups.com
> > >> <mailto:gmsk_dv_node%40yahoogroups.com>
> > >> <mailto:gmsk_dv_node%40yahoogroups.com>
> > >> > , "Jeffrey Kerber" <jkerber@> wrote:
> > >> > >
> > >> > > I just purchased a new ID-31A with hopes of using it with my
> hotspot. No
> > >> > > luck. The node radio is a Yaesu FT-8000. The hotspot works with
> my 92AD,
> > >> > > 9100 and 2820 but the 31A will not decode the digital signal.
> > >> > >
> > >> > > The display flashes between FM and DV while the node radio is
> > >> > transmitting.
> > >> > > I have tried to adjust the NQSMHS transmit pot, and the UHF mod
> pot in
> > >> the
> > >> > > radio, no luck. Has anyone used the FT-8000 on UHF?
> > >> > >
> > >> > > Is there a known radio that works with the ID-31A? Help.
> > >> > >
> > >> > > Jeff, N3VE
> > >> > >
> > >> >
> > >> > Hi Jeff,
> > >> >
> > >> > Were you the guy who was asking this on some of the D-Star nets a
> few
> > >> nights
> > >> > ago?
> > >> >
> > >> > The ID-31A DV mode is a lot more "picky" when it comes to decoding
> an
> > >> > incoming D-Star transmission than other D-Star radios. D-Star in
> general
> > >> > works better with less rather than more deviation. As a rule you
> don't
> > >> want
> > >> > any more than around 1.4-1.6 kHz of deviation on your HotSpot radio.
> > >> >
> > >> > If you can... listen to your HotSpot on a radio using FM-N mode.
> > >> >
> > >> > Listen to how "loud" the raw GMSK data from the HotSpot radio
> sounds to
> > >> your
> > >> > ear. Then listen to an Icom D-Star radios DV transmission and
> compare the
> > >> > audio level.
> > >> >
> > >> > I am suspecting you will find that the HotSpot D-Star will "sound"

> louder
> > >> > than the Icom radio. If you can't turn the HotSpot audio down low
> enough
> > >> you
> > >> > may need to adjust the FT-8000's internal modulation to bring the
> audio
> > >> down
> > >> > a bit.
> > >> >
> > >> > Michael.
> > >> > VK5ZEA
> > >> >
> > >>
> > >
> > >
> > >
> > ><!-- #ygrp-mkp { border: 1px solid #d8d8d8; font-family: Arial; margin:
> 10px 0; padding: 0 10px; } #ygrp-mkp hr { border: 1px solid #d8d8d8; }
> #ygrp-mkp #hd { color: #628c2a; font-size: 85%; font-weight: 700;
> line-height: 122%; margin: 10px 0; } #ygrp-mkp #ads { margin-bottom: 10px;
> } #ygrp-mkp .ad { padding: 0 0; } #ygrp-mkp .ad p { margin: 0; } #ygrp-mkp
> .ad a { color: #0000ff; text-decoration: none; } #ygrp-sponsor #ygrp-lc {
> font-family: Arial; } #ygrp-sponsor #ygrp-lc #hd { margin: 10px 0px;
> font-weight: 700; font-size: 78%; line-height: 122%; } #ygrp-sponsor
> #ygrp-lc .ad { margin-bottom: 10px; padding: 0 0; } #actions { font-family:
> Verdana; font-size: 11px; padding: 10px 0; } #activity { background-color:
> #e0ecee; float: left; font-family: Verdana; font-size: 10px; padding: 10px;
> } #activity span { font-weight: 700; } #activity span:first-child {
> text-transform: uppercase; } #activity span a { color: #5085b6;
> text-decoration: none; } #activity span span { color: #ff7900; } #activity
> span .underline { text-decoration: underline; } .attach { clear: both;
> display: table; font-family: Arial; font-size: 12px; padding: 10px 0;
> width: 400px; } .attach div a { text-decoration: none; } .attach img {
> border: none; padding-right: 5px; } .attach label { display: block;
> margin-bottom: 5px; } .attach label a { text-decoration: none; } blockquote
> { margin: 0 0 0 4px; } .bold { font-family: Arial; font-size: 13px;
> font-weight: 700; } .bold a { text-decoration: none; } dd.last p a {
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> div.attach-table { width: 400px; } div.file-title a, div.file-title
> a:active, div.file-title a:hover, div.file-title a:visited {
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> div.photo-title a:hover, div.photo-title a:visited { text-decoration: none;
> } div#ygrp-mlmsg #ygrp-msg p a span.yshortcuts { font-family: Verdana;
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> .MsoNormal { margin: 0 0 0 0; } o { font-size: 0; } #photos div { float:
> left; width: 72px; } #photos div div { border: 1px solid #666666; height:
> 62px; overflow: hidden; width: 62px; } #photos div label { color: #666666;
> font-size: 10px; overflow: hidden; text-align: center; white-space: nowrap;

> width: 64px; } #reco-category { font-size: 77%; } #reco-desc { font-size:
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> border-right: 0px solid #000;*/ margin-right: 2px; padding-right: 5px; }
> #ygrp-mlmsg { font-size: 13px; font-family: Arial, helvetica,clean,
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> font-size: inherit; font: 100%; } #ygrp-mlmsg select, input, textarea {
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> 1.22em; } #ygrp-mlmsg #logo { padding-bottom: 10px; } #ygrp-msg p a {
> font-family: Verdana; } #ygrp-msg p#attach-count span { color: #1E66AE;
> font-weight: 700; } #ygrp-reco #reco-head { color: #ff7900; font-weight:
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> li a { font-size: 130%; text-decoration: none; } #ygrp-sponsor #ov li {
> font-size: 77%; list-style-type: square; padding: 6px 0; } #ygrp-sponsor
> #ov ul { margin: 0; padding: 0 0 0 8px; } #ygrp-text { font-family:
> Georgia; } #ygrp-text p { margin: 0 0 1em 0; } #ygrp-text tt { font-size:
> 120%; } #ygrp-vital ul li:last-child { border-right: none !important; } -->
> >
>
>
>

10210. RE: [gmsk_dv_node] Re: ID-31A won't hear my hot spot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-11 22:52:20 UTC
From: J. M. Moen
Topic: 8665 Message: 10210

Congratulations. I will add that narrow FM suggestion to a FAQ I maintain.

I bought a 51A primarily so I could test GMSK Modem boards before I ship them out to customers (for those customers who allow me to load the firmware). I have always done this test, but the TX trim pot (deviation) setting really isn't critical when using my 91AD, but as people have written, it is more critical with the 31A and 51A. And of course, the setting varies by which analog radio you are using - not just the model, but each radio can require a slightly different amount of TX drive.

The key is to use Echo Test and transmit in a long message, so when the hotspot transmits the playback message, you'll have plenty of time to carefully adjust the TX trim pot until you find the point where your D-Star radio can decode the transmission.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of ve3rhf
Sent: Tuesday, June 11, 2013 1:51 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: ID-31A won't hear my hot spot
SUCCESS!

Thanks Ken!
I took the D710A out of narrowband FM and then turned down the TX on the Star*Board.
Seems much better - I'll spend some time testing, but looks good - Many thanks!

Rod

--- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>, Ken Boyle <kc2idb@...> wrote:
>
> Try taking the transmitter out of narrowband
> 73,
> Ken
> KC2IDB

10211. New Guy

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-12 11:59:06 UTC
From: Craig Gagner
Topic: 10211 Message: 10211

Well I am new on the list and taking the plunge into D Star. I am putting together a TKR-820 Repeater and will be adding the MoenComm card with a Raspberry Pi computer. I have a 10 meg Cable service to the internet which should work real well. Not too sure how my RF coverage will be at 25 watts but time will tell. I am in the process of having the repeater coordinated and listed. I will need to update it to DStar once I get all the gear here and in operation. I look forward to learning a lot on this list !

Thanks and 73

Craig, W1MSG

10212. CDM-1550 and Star Board Pot Setting

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-12 18:20:45 UTC
From: Mike Swiatkowski
Topic: 10212 Message: 10212

Guys, I just wanted to give you an update on my project to use another robust, yet inexpensive radio for the Star Board. I am using two Motorola CDM-1550 radios. I had no issue adjusting R1 for proper RX level into the board. The TX is a little trickier. I cranked R36 all the way down (fully CCW) and I heard some turkey talk. If I went much above that (clockwise) I hear nothing. My guess is the TX audio level into the radio is too high. By default, the TX accessory audio level gain is 28 dB as shown in the Motorola CPS software. So I am lowering it to 22 dB to see if that gives me more dynamic range on R36. If it works I'll fully document this in the Files section since these radios are easy to get and have very good performance. These radios are a little meatier than the M1225s so they can handle the heat dissipation better. Not only that, the programming software works fine on XP.

Mike, AA9VI

10213. Re: New Guy

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-13 12:43:04 UTC
From: Doug Bade
Topic: 10211 Message: 10213

25 watts will surprise on UHF as long as above average terrain is good. I run 2 Icom URFR600 repeaters for D-Star and NXDN respectively at our main company transmitter site (broadcast tower 1000ft)

Combiner losses are such I MAY get 5-6 watts to the feedline (750 ft of 7/8 Heliax) into a 7.5 db gain antenna but the antenna is

600ft agl

900ft above sea level

~600ft above average terrain.., some directions 20-30-40 (mobile) miles *plus* is no problem, so big picture site profile/engineering/height ASL is probably more important than power.

If you are running a lower profile site I would expect range to be less but will be comparable to analog from the same site.. and probably a bit better if you set it up well.. Generally if range is poor and it is set up correctly. Increasing power will not probably fix it J.. get an improved site profile .. J

GMSK modems and sound card interfaces as well as DV-rptr boards all have phenomenal performance and I would say NOT ever the weakest link in the chain.. Usually site selection/equipment setup.

Doug

KD8B

10214. Re: Thorcom RLC290 GMSK Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-13 18:54:08 UTC
From: pesa006
Topic: 9997 Message: 10214

Please share your copy of the manual for the RLC290!!!!

73 de Per

--- In gmsk_dv_node@yahoogroups.com, "g1zpu" <rob@...> wrote:
>
> I have the hardware manual for the RLC290, and the later 292.
> Both use the CML589 GMSK devices and both are FULL duplex capable.
>
> I did ask the technical director of Thorcom about doing a "KISS mode" firmware for it so that it dumps the GMSK data out of the serial port, but he's too busy to contemplate it, and not that interested in DSTAR anyway as it won't earn him any money!!
>
> There is enough processing power on the RLC290 to do a lot of the work that the PC has to do with existing modems. It could conceivably be configured to work as a bit-regen type repeater.
>
> Have you got one to play with?
>
> Rob
> M0ZPU
>
> --- In gmsk_dv_node@yahoogroups.com, "w4mpq" <w4mpq@> wrote:
> >
> > Has anyone looked into using the thorcom RLC290 GMSK MODEM for a d-star hot spot? They were used with Motorola GM340 radios. Looks like it might work.
> > Bob
> >
>

10215. Re: Thorcom RLC290 GMSK Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-14 13:38:06 UTC
From: w4mpq
Topic: 9997 Message: 10215

I have 3 of the Thorcom modems but need software to reprogram the firmware to the KISS mode. have not seen 290 manual either.
Bob

--- In gmsk_dv_node@yahoogroups.com, "pesa006" <pesa006@...> wrote:
>
> Please share your copy of the manual for the RLC290!!!!
>
> 73 de Per
>
> --- In gmsk_dv_node@yahoogroups.com, "g1zpu" <rob@> wrote:
> >
> > I have the hardware manual for the RLC290, and the later 292.
> > Both use the CML589 GMSK devices and both are FULL duplex capable.
> >
> > I did ask the technical director of Thorcom about doing a "KISS mode" firmware for it so that it dumps the GMSK data out of the serial port, but he's too busy to contemplate it, and not that interested in DSTAR anyway as it won't earn him any money!!
> >
> > There is enough processing power on the RLC290 to do a lot of the work that the PC has to do with existing modems. It could conceivably be configured to work as a bit-regen type repeater.
> >
> > Have you got one to play with?
> >
> > Rob
> > M0ZPU
> >
> > --- In gmsk_dv_node@yahoogroups.com, "w4mpq" <w4mpq@> wrote:
> > >
> > > Has anyone looked into using the thorcom RLC290 GMSK MODEM for a d-star hot spot? They were used with Motorola GM340 radios. Looks like it might work.
> > > Bob
> > >
> >
>

10216. Re: [gmsk_dv_node] Re: Thorcom RLC290 GMSK Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-14 21:39:39 UTC
From: Steve Froggatt
Topic: 9997 Message: 10216

I have some software, it's dos based but don't know how to use it no manual
On 14 Jun 2013 14:38, "w4mpq" <w4mpq@...> wrote:

> **
>
>
> I have 3 of the Thorcom modems but need software to reprogram the firmware
> to the KISS mode. have not seen 290 manual either.
> Bob
>
> --- In gmsk_dv_node@yahoogroups.com, "pesa006" <pesa006@...> wrote:
> >
> > Please share your copy of the manual for the RLC290!!!!
> >
> > 73 de Per
> >
> > --- In gmsk_dv_node@yahoogroups.com, "g1zpu" <rob@> wrote:
> > >
> > > I have the hardware manual for the RLC290, and the later 292.
> > > Both use the CML589 GMSK devices and both are FULL duplex capable.
> > >
> > > I did ask the technical director of Thorcom about doing a "KISS mode"
> firmware for it so that it dumps the GMSK data out of the serial port, but
> he's too busy to contemplate it, and not that interested in DSTAR anyway as
> it won't earn him any money!!
> > >
> > > There is enough processing power on the RLC290 to do a lot of the work
> that the PC has to do with existing modems. It could conceivably be
> configured to work as a bit-regen type repeater.
> > >
> > > Have you got one to play with?
> > >
> > > Rob
> > > M0ZPU
> > >
> > > --- In gmsk_dv_node@yahoogroups.com, "w4mpq" <w4mpq@> wrote:
> > > >
> > > > Has anyone looked into using the thorcom RLC290 GMSK MODEM for a
> d-star hot spot? They were used with Motorola GM340 radios. Looks like it
> might work.
> > > > Bob
> > > >
> > >
> >
> >
>

>
>

10217. Re: [gmsk_dv_node] Re: Thorcom RLC290 GMSK Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-14 22:46:50 UTC
From: Stacy Williams
Topic: 9997 Message: 10217

Hello

Could you perhaps supply the same to me please:)

Regards 73

Stacy
m0wsa

Spooky action at a distance.......
On May 23, 2013 8:02 PM, "x2e0vet" <sdfroggatt@...> wrote:

> **
>
>
>
> Hi
> i have just aquired one of the RLC290 modems to try and set up a d-star
> hotspot, and wondered if I could get a copy of the manual off you. I know
> this is probably cheeky, but i don't suppose you have a copy of the
> programming software?
>
> Thanks in advance
> Steve
>
> --- In gmsk_dv_node@yahoogroups.com, "g1zpu" <rob@...> wrote:
> >
> > I have the hardware manual for the RLC290, and the later 292.
> > Both use the CML589 GMSK devices and both are FULL duplex capable.
> >
> > I did ask the technical director of Thorcom about doing a "KISS mode"
> firmware for it so that it dumps the GMSK data out of the serial port, but
> he's too busy to contemplate it, and not that interested in DSTAR anyway as
> it won't earn him any money!!
> >
> > There is enough processing power on the RLC290 to do a lot of the work
> that the PC has to do with existing modems. It could conceivably be
> configured to work as a bit-regen type repeater.
> >
> > Have you got one to play with?
> >
> > Rob
> > M0ZPU
> >
> > --- In gmsk_dv_node@yahoogroups.com, "w4mpq" <w4mpq@> wrote:
> > >

> > > Has anyone looked into using the thorcom RLC290 GMSK MODEM for a
> d-star hot spot? They were used with Motorola GM340 radios. Looks like it
> might work.
> > > Bob
> > >
> >
>
>
>

10218. Re: Thorcom RLC290 GMSK Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-15 10:42:05 UTC
From: pesa006
Topic: 9997 Message: 10218

Hello everyone!

I have try my RLC290 now and i got the base-version

I have connect it with engineringconnect to pc but i dont get the modem to decode any gmsk from d-star?
I hope to decode it and i will see the text on the pc.
(like an old packetradiomodem you can see the trafic on the screen)

Anyone got it right?

/Per

--- In gmsk_dv_node@yahoogroups.com, Steve Froggatt <sdfroggatt@...> wrote:
>
> I have some software, it's dos based but don't know how to use it no manual
> On 14 Jun 2013 14:38, "w4mpq" <w4mpq@...> wrote:
>
> > **
> >
> >
> > I have 3 of the Thorcom modems but need software to reprogram the firmware
> > to the KISS mode. have not seen 290 manual either.
> > Bob
> >
> > --- In gmsk_dv_node@yahoogroups.com, "pesa006" <pesa006@> wrote:
> > >
> > > Please share your copy of the manual for the RLC290!!!!
> > >
> > > 73 de Per
> > >
> > > --- In gmsk_dv_node@yahoogroups.com, "g1zpu" <rob@> wrote:
> > > >
> > > > I have the hardware manual for the RLC290, and the later 292.
> > > > Both use the CML589 GMSK devices and both are FULL duplex capable.
> > > >
> > > > I did ask the technical director of Thorcom about doing a "KISS mode"
> > firmware for it so that it dumps the GMSK data out of the serial port, but
> > he's too busy to contemplate it, and not that interested in DSTAR anyway as
> > it won't earn him any money!!
> > > >
> > > > There is enough processing power on the RLC290 to do a lot of the work
> > that the PC has to do with existing modems. It could conceivably be
> > configured to work as a bit-regen type repeater.
> > > >
> > > > Have you got one to play with?

> > > >
> > > > Rob
> > > > M0ZPU
> > > >
> > > > --- In gmsk_dv_node@yahoogroups.com, "w4mpq" <w4mpq@> wrote:
> > > > >
> > > > > Has anyone looked into using the thorcom RLC290 GMSK MODEM for a
> > d-star hot spot? They were used with Motorola GM340 radios. Looks like it
> > might work.
> > > > > Bob
> > > > > >
> > > > >
> > >
> >
> >
> >

10219. RE: [gmsk_dv_node] Re: Thorcom RLC290 GMSK Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-15 10:59:06 UTC
From: J. M. Moen
Topic: 9997 Message: 10219

Per,

Have you found a way to connect the modem to the radio so the Receive data comes directly from the FM discriminator without any filtering (flat RX audio)?

Does the Transmit audio go directly to the modulator without any filtering (flat TX audio)?

Please tell us which GMSK Modem you have. Does it use DUTCH*Star firmware or Satoshi firmware?

If it uses DUTCH*Star firmware, have you loaded NATools using the COMPLETE option? This also loads the driver that is needed by the software.

To test, you want to use NAWinTEST. First work on getting RF Read to function properly. You might check out http://www.k6jm.com/FAQtrblshoot.htm#receive_test <http://www.k6jm.com/FAQtrblshoot.htm> .

Let us know about which modem and firmware you are using. And is your PC running Windows?

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of pesa006
Sent: Saturday, June 15, 2013 3:42 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Thorcom RLC290 GMSK Modem
Hello everyone!

I have try my RLC290 now and i got the base-version

I have connect it with engineringconnect to pc but i dont get the modem to decode any gmsk from d-star?
I hope to decode it and i will see the text on the pc.
(like an old packetradiomodem you can see the trafic on the screen)

Anyone got it right?

/Per

--

10220. Win 8

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-15 12:08:19 UTC
From: Craig Gagner
Topic: 10220 Message: 10220

Has anyone been able to install NATools on Windows 8. Works fine on my Windows 7?

Thanks

Craig

10221. RE: [gmsk_dv_node] Win 8

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-15 12:36:21 UTC
From: Craig Gagner
Topic: 10220 Message: 10221

Never mind I had to disable the driver signature enforcement..

Craig

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Craig Gagner
Sent: Saturday, June 15, 2013 8:08 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Win 8

Has anyone been able to install NATools on Windows 8. Works fine on my Windows 7?

Thanks

Craig

10222. Re: Thorcom RLC290 GMSK Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-15 17:35:44 UTC
From: pesa006
Topic: 9997 Message: 10222

Hi

Maybe I was a bit fuzzy but I would then decode so that I can see the raw data on the PC screen.
is it possible? with d-star or any ffsk/gmsk??

I use of course a discriminator from the radio!

/Per

--- In gmsk_dv_node@yahoogroups.com, "J. M. Moen" <jim@...> wrote:
>
> Per,
>
> Have you found a way to connect the modem to the radio so the Receive data
> comes directly from the FM discriminator without any filtering (flat RX
> audio)?
>
> Does the Transmit audio go directly to the modulator without any filtering
> (flat TX audio)?
>
> Please tell us which GMSK Modem you have. Does it use DUTCH*Star firmware
> or Satoshi firmware?
>
> If it uses DUTCH*Star firmware, have you loaded NATools using the COMPLETE
> option? This also loads the driver that is needed by the software.
>
> To test, you want to use NAWinTEST. First work on getting RF Read to
> function properly. You might check out
> http://www.k6jm.com/FAQtrblshoot.htm#receive_test
> <http://www.k6jm.com/FAQtrblshoot.htm> .
>
> Let us know about which modem and firmware you are using. And is your PC
> running Windows?
>
> Jim - K6JM
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of pesa006
> Sent: Saturday, June 15, 2013 3:42 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Re: Thorcom RLC290 GMSK Modem
> Hello everyone!
>
> I have try my RLC290 now and i got the base-version
>

> I have connect it with engineringconnect to pc but i dont get the modem to
> decode any gmsk from d-star?
> I hope to decode it and i will see the text on the pc.
> (like an old packetradiomodem you can see the trafic on the screen)
>
> Anyone got it right?
>
> /Per
> --
>

10223. RE: [gmsk_dv_node] Re: Thorcom RLC290 GMSK Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-15 18:40:57 UTC
From: J. M. Moen
Topic: 9997 Message: 10223

Assuming your GMSK Modem uses DUTCH*Star firmware, then you want to test with the DUTCH*Star test program NAWinTEST. It has a function called RF Read. When it is receiving a valid D-Star GMSK signal, it will display the header callsign information, and it will display the raw data stream. You may have to reverse the firmware RX Invert setting for this to work.

For GMSK to work, you need to get the Receive audio DIRECTLY from the discriminator, not from any connection point that has been filtered or processed. Filtering typically removes the low frequencies that GMSK uses. That will not work for D-Star.

Again, please tell us the type of GMSK Modem and firmware you are using.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of pesa006
Sent: Saturday, June 15, 2013 10:36 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Thorcom RLC290 GMSK Modem
Hi

Maybe I was a bit fuzzy but I would then decode so that I can see the raw data on the PC screen.
is it possible? with d-star or any ffsk/gmsk??

I use of course a discriminator from the radio!

/Per

10224. Re: Thorcom RLC290 GMSK Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-16 10:08:59 UTC
From: repeater.group
Topic: 9997 Message: 10224

--- In gmsk_dv_node@yahoogroups.com, "J. M. Moen" <jim@...> wrote:
>
> Assuming your GMSK Modem uses DUTCH*Star firmware, then you want to test
> with the DUTCH*Star test program NAWinTEST. It has a function called RF
> Read. When it is receiving a valid D-Star GMSK signal, it will display the
> header callsign information, and it will display the raw data stream. You
> may have to reverse the firmware RX Invert setting for this to work.
>
> For GMSK to work, you need to get the Receive audio DIRECTLY from the
> discriminator, not from any connection point that has been filtered or
> processed. Filtering typically removes the low frequencies that GMSK uses.
> That will not work for D-Star.
>
> Again, please tell us the type of GMSK Modem and firmware you are using.
>
> Jim - K6JM
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of pesa006
> Sent: Saturday, June 15, 2013 10:36 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Re: Thorcom RLC290 GMSK Modem
> Hi
>
> Maybe I was a bit fuzzy but I would then decode so that I can see the raw
> data on the PC screen.
> is it possible? with d-star or any ffsk/gmsk??
>
> I use of course a discriminator from the radio!
>
> /Per
>
Jim. These guys are experimenting with a commercial gmsk modem made by thorncom. I've been following them for a while as I have 12 of them here, I got them real cheap, to rob the GPS boards out of them for APRS use, and I know the same supplier has over 100 of them available for a few £. Here in the UK they were used by the emergency services, with a bolt on screen & keyboard for comms.
r. Andrew. DNS.

10225. Re: Kenwood TS-2000 Settings

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-16 10:23:52 UTC
From: w1msg
Topic: 5406 Message: 10225

I know this is a really old post, but I havent been able to get my TKR-820 working with a MoenComm Modem so I figured I would try my TS-2000 following these instructions. Well I cant seem to get this up and working either. When testing using the NATools I will get very short data bursts with garbled data at the top.

Anyone have any ideas ??

Thanks, Craig W1MSG

Someday I will be on D Star

--- In gmsk_dv_node@yahoogroups.com, "Donald James" <Studionyc@...> wrote:
>
> Keep us all in the loop Jim, I'm VERY interested. I have a TS-2000 and I'd
> love to make that my D-Star rig as well, I just don't want to jump too soon
> on any kit, I'd like it to be "a good one"!
>
> Donald ~ N2VU
>
>
>
>
>
> -----Original Message-----
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of J. Moen
> Sent: Monday, September 06, 2010 8:36 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Kenwood TS-2000 Settings
>
>
>
>
>
> I got my NQSMHS board with Fred's firmware running with my Kenwood TS-2000.
> I uploaded a file with the cable and settings info:
>
> http://groups.yahoo.com/group/gmsk_dv_node/files/Radio%20Files/Kenwood%20TS-
> 2000.txt
>
>
>
> Thanks to Roland W9HPX for most of that info. He's using his TS-2000 with
> Jonathan's D-Star Client software. I have tested that with the TS-2000 but
> don't yet have the correct sound fob.
>

>
>
> In case anyone is interested in why I'm doing this, I want to try some
> D-Star on 6 and 10 meters, in anticipation of the new ICOM 9100 with D-Star
> board.
>
>
>
> For the Hotspot testing, I connected the DV Dongle's DVTool to DVAR Hot
> Spot, in effect creating a standalone D-Star radio out of my TS-2000 (no
> internet connection). I am also hopeful some local people choose to put up
> a 6 meter D-Star repeater.
>
>
>
> This DVTool/DVAR lashup is not ideal -- it's kludgy and there are some
> router issues -- but it gets the job done for now. In the longer run, I'm
> hoping some of the new products Fred has posted about here will become
> available.
>

10226. RE: [gmsk_dv_node] Re: Thorcom RLC290 GMSK Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-16 16:55:33 UTC
From: J. M. Moen
Topic: 9997 Message: 10226

OK, thanks, now I remember reading about this radio.

Per wrote: ☐I have connect it with engineringconnect to pc but i dont get the modem to decode any gmsk from d-star? I hope to decode it and i will see the text on the pc. (like an old packetradiomodem you can see the trafic on the screen)☐

M0ZPU speculated ☐It could conceivably be configured to work as a bit-regen type repeater.☐

Obviously all software built to work with D-Star GMSK specific firmware, like the DUTCH*Star utilities or Satoshi☐s programs, will not be usable with the RLC290☐s modem.

If the GMSK modem in this radio has the same ability to convert the GMSK audio stream to digital data, then it might be possible to find the correct tap point in that unit and build an interface to the PC to look at the header and routing info. I don☐t know if Per has done that. The headers are not compressed or encoded.

The digital voice part of the payload, of course, requires an AMBE chip to be decoded, but I☐m guessing Per is just looking to see the headers.

Even if Per finds a way to inspect the headers, the real question is how would this be used in operation? Unless one of the software developers in the community decides to add support for this device, none of the traditional software (that connects radios to PCs so the repeater can be linked to other nodes on the D-Star network over the internet) will work with this repeater and modem.

It might be possible, as M0ZPU wrote, to configure the unit as a standalone repeater, but then you really don☐t need a GMSK modem for that.

So it all would come down to who would write the software to actually make use of the GMSK modem built into this radio? It☐s hard to believe there would be much demand for this in terms of actual numbers .

Jim ☐ K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of repeater.group
Sent: Sunday, June 16, 2013 3:09 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Thorcom RLC290 GMSK Modem
Jim. These guys are experimenting with a commercial gmsk modem made by thorncom. I've been following them for a while as I have 12 of them here, I got them real cheap, to rob the GPS boards out of them for APRS use, and I

know the same supplier has over 100 of them available for a few £. Here in the UK they were used by the emergency services, with a bolt on screen & keyboard for comms.
r. Andrew. DNS.

10227. New file uploaded to gmsk_dv_node

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-16 17:07:51 UTC
From: gmsk_dv_node@yahoogroups.com
Topic: 160 Message: 10227

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the gmsk_dv_node
group.

File : /RLC290.rar
Uploaded by : w4mpq <w4mpq@...>
Description : thorcom manuals

You can access this file at the URL:
http://groups.yahoo.com/group/gmsk_dv_node/files/RLC290.rar

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

w4mpq <w4mpq@...>

10228. RE: [gmsk_dv_node] Re: Kenwood TS-2000 Settings

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-16 17:09:24 UTC
From: J. M. Moen
Topic: 5406 Message: 10228

Several people have used their TS-2000 with a GMSK modem to function as a stand-alone D-Star compatible radio, for example, to talk to a local D-Star repeater. The software in this case is called GMSKClient written by Jonathan G4KLX and available from the dstar_development Yahoo Group.

TS-2000 settings are documented in this group's website in the Files area, in the Radio Files folder. To save time, I've appended the contents of the "Kenwood TS-2000.txt" file to this email.

Given the success of using this with the GMSKClient program as a D-Star compatible DV radio, it should also work with other programs like WinDV as a D-Star Hotspot radio. The hardest part is building the cable. Years ago I actually did that and tested it with GMSKClient, but I have so many analog radios around here that I never put it into real service.

Jim - K6JM

Kenwood TS-2000

Thanks to Roland W9HPX. He provided most of the following info.

Cable connects to ACC2 connector (see page 95 of manual):

RX audio - from pin 3
Ground - pins 4, 8 or 12
Squelch - pin 5
TX audio - pin 11
PTT - pin 9

Radio settings:

Menu 50E - MAIN
Menu 50F - 9600pbs
Menu 55 - OFF
Menu 20 - OFF
Menu 21 - OFF
Mode: FMN

Mini HotSpot board:
2 meters: RX Invert On, TX Invert OFF
70cm: RX Invert OFF, TX Invert ON

Note 1: The TS-2000 appears to have internal inversion depending on band. Therefore, when testing on other bands, try RX Invert both on and off, and TX Invert, both on and off.

Note 2: The cable and menu settings assume use of main receiver. If using sub-receiver, different pins and menu settings will apply.

Note 3: FMN or Narrow-band FM -- When in 9600bps mode, there is no
TX filtering. In 9600bps mode the ACC2 pin 11 TX input signal goes
through a one transistor buffer (Q93) and is then switched directly
to the FM modulator. It does not go through any of the DSP stages.
Thus the deviation is set entirely by the audio level of the GMSK input.
On the RX side, the received signal passes through a 15kHz filter for FM
or a 9kHz filter for FMN.

Note 4: Menus 50A, 50B, 50C and 50D do not function when in 9600bps mode.
All level settings must be done externally (e.g. MHS trimpot).

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of w1msg
Sent: Sunday, June 16, 2013 3:24 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Kenwood TS-2000 Settings

I know this is a really old post, but I havent been able to get my TKR-820
working with a MoenComm Modem so I figured I would try my TS-2000 following
these instructions. Well I cant seem to get this up and working either. When
testing using the NATools I will get very short data bursts with garbled
data at the top.

Anyone have any ideas ??

Thanks, Craig W1MSG

Someday I will be on D Star

--- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
, "Donald James" <Studionyc@...> wrote:
>
> Keep us all in the loop Jim, I'm VERY interested. I have a TS-2000 and I'd
> love to make that my D-Star rig as well, I just don't want to jump too
soon
> on any kit, I'd like it to be "a good one"!
>
> Donald ~ N2VU
>
>
>
>
>
> -----Original Message-----
> From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
[mailto:gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
] On
> Behalf Of J. Moen
> Sent: Monday, September 06, 2010 8:36 PM
> To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
> Subject: [gmsk_dv_node] Kenwood TS-2000 Settings
>
>

>
>
>
> I got my NQSMHS board with Fred's firmware running with my Kenwood
TS-2000.
> I uploaded a file with the cable and settings info:
>
>
http://groups.yahoo.com/group/gmsk_dv_node/files/Radio%20Files/Kenwood%20TS-
> 2000.txt
>
>
>
> Thanks to Roland W9HPX for most of that info. He's using his TS-2000 with
> Jonathan's D-Star Client software. I have tested that with the TS-2000 but
> don't yet have the correct sound fob.
>
>
>
> In case anyone is interested in why I'm doing this, I want to try some
> D-Star on 6 and 10 meters, in anticipation of the new ICOM 9100 with
D-Star
> board.
>
>
>
> For the Hotspot testing, I connected the DV Dongle's DVTool to DVAR Hot
> Spot, in effect creating a standalone D-Star radio out of my TS-2000 (no
> internet connection). I am also hopeful some local people choose to put up
> a 6 meter D-Star repeater.
>
>
>
> This DVTool/DVAR lashup is not ideal -- it's kludgy and there are some
> router issues -- but it gets the job done for now. In the longer run, I'm
> hoping some of the new products Fred has posted about here will become
> available.
>

10229. New file uploaded to gmsk_dv_node

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-16 17:09:52 UTC
From: gmsk_dv_node@yahoogroups.com
Topic: 160 Message: 10229

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the gmsk_dv_node
group.

File : /290.MPP
Uploaded by : w4mpq <w4mpq@...>
Description : thorcom file

You can access this file at the URL:
http://groups.yahoo.com/group/gmsk_dv_node/files/290.MPP

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

w4mpq <w4mpq@...>

10230. New file uploaded to gmsk_dv_node

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-16 17:11:06 UTC
From: gmsk_dv_node@yahoogroups.com
Topic: 160 Message: 10230

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the gmsk_dv_node
group.

File : /PROG.HLP
Uploaded by : w4mpq <w4mpq@...>
Description : thgorcom help file

You can access this file at the URL:
http://groups.yahoo.com/group/gmsk_dv_node/files/PROG.HLP

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

w4mpq <w4mpq@...>

10231. Re: Thorcom RLC290 GMSK Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-16 17:17:03 UTC
From: w4mpq
Topic: 9997 Message: 10231

--- In gmsk_dv_node@yahoogroups.com, "pesa006" <pesa006@...> wrote:
>
> Please share your copy of the manual for the RLC290!!!!
>
> 73 de Per
>
check the files section for manuals and prog.exe , prog.mpp and help file.
Bob

10232. Re: [gmsk_dv_node] Re: Kenwood TS-2000 Settings

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-16 18:35:08 UTC
From: Dave-KB1PVH
Topic: 5406 Message: 10232

Jim,

Craig is actually trying to use his TS-2000 as the hotspot radio using your board. I spent some time with him this AM and the problem he is having is that when we do the RF Read using Fred's software is that the program will see the data, but after a few, but as little as 2 seconds, it stops seeing the data. I have adjusted the RX trimpot in small steps until we see the best decoded header, but even that has errors.

We are using my MoenComm board that works with no problems using a FT-857 and GM300 at my QTH.

We also tried using it on a Kenwood TKR-820 to turn it into a D-Star repeater, but had even less success with that, so that prompted a try with TS-2000.

I think our next step will be to bring my laptop and try using that to eliminate his computer and see what happens.

Dave-KB1PVH

Sent from my Verizon Wireless 4G LTE DROID

"J. M. Moen" <jim@k6jm.com> wrote:

>
>
>Several people have used their TS-2000 with a GMSK modem to function as a stand-alone D-Star compatible radio, for example, to talk to a local D-Star repeater. The software in this case is called GMSKClient written by Jonathan G4KLX and available from the dstar_development Yahoo Group.
>
>TS-2000 settings are documented in this group’s website in the Files area, in the Radio Files folder. To save time, I’ve appended the contents of the “Kenwood TS-2000.txt” file to this email.
>
>Given the success of using this with the GMSKClient program as a D-Star compatible DV radio, it should also work with other programs like WinDV as a D-Star Hotspot radio. The hardest part is building the cable. Years ago I actually did that and tested it with GMSKClient, but I have so many analog radios around here that I never put it into real service.
>
> Jim – K6JM
>
>Kenwood TS-2000
>
>Thanks to Roland W9HPX. He provided most of the following info.
>
>Cable connects to ACC2 connector (see page 95 of manual):

>
>   RX audio - from pin 3
>
>   Ground - pins 4, 8 or 12
>
>   Squelch - pin 5
>
>   TX audio - pin 11
>
>   PTT - pin 9
>
>Radio settings:
>
>   Menu 50E - MAIN
>
>   Menu 50F - 9600pbs
>
>   Menu 55 - OFF
>
>   Menu 20 - OFF
>
>   Menu 21 - OFF
>
>   Mode: FMN
>
>
>
>Mini HotSpot board:
>
>   2 meters: RX Invert On, TX Invert OFF
>
>   70cm: RX Invert OFF, TX Invert ON
>
>
>
>Note 1: The TS-2000 appears to have internal inversion depending
>
>on band. Therefore, when testing on other bands, try RX Invert
>
>both on and off, and TX Invert, both on and off.
>
>Note 2: The cable and menu settings assume use of main receiver.
>
>If using sub-receiver, different pins and menu settings will apply.
>
>Note 3: FMN or Narrow-band FM -- When in 9600bps mode, there is no
>
>TX filtering. In 9600bps mode the ACC2 pin 11 TX input signal goes
>
>through a one transistor buffer (Q93) and is then switched directly

>
>to the FM modulator. It does not go through any of the DSP stages.
>
>Thus the deviation is set entirely by the audio level of the GMSK input.
>
>On the RX side, the received signal passes through a 15kHz filter for FM
>
>or a 9kHz filter for FMN.
>
>Note 4: Menus 50A, 50B, 50C and 50D do not function when in 9600bps mode.
>
>All level settings must be done externally (e.g. MHS trimpot).
>
>From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of w1msg
>Sent: Sunday, June 16, 2013 3:24 AM
>To: gmsk_dv_node@yahoogroups.com
>Subject: [gmsk_dv_node] Re: Kenwood TS-2000 Settings
>
>
>
>I know this is a really old post, but I havent been able to get my TKR-820 working with a MoenComm Modem so I figured I would try my TS-2000 following these instructions. Well I cant seem to get this up and working either. When testing using the NATools I will get very short data bursts with garbled data at the top.
>
>Anyone have any ideas ??
>
>Thanks, Craig W1MSG
>
>Someday I will be on D Star
>
>--- In gmsk_dv_node@yahoogroups.com, "Donald James" <Studionyc@...> wrote:
>>
>> Keep us all in the loop Jim, I'm VERY interested. I have a TS-2000 and I'd
>> love to make that my D-Star rig as well, I just don't want to jump too soon
>> on any kit, I'd like it to be "a good one"!
>>
>> Donald ~ N2VU
>>
>>
>>
>>
>>
>> -----Original Message-----
>> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
>> Behalf Of J. Moen
>> Sent: Monday, September 06, 2010 8:36 PM
>> To: gmsk_dv_node@yahoogroups.com
>> Subject: [gmsk_dv_node] Kenwood TS-2000 Settings

>>
>>
>>
>>
>>
>> I got my NQSMHS board with Fred's firmware running with my Kenwood TS-2000.
>> I uploaded a file with the cable and settings info:
>>
>> http://groups.yahoo.com/group/gmsk_dv_node/files/Radio%20Files/Kenwood%20TS-
>> 2000.txt
>>
>>
>>
>> Thanks to Roland W9HPX for most of that info. He's using his TS-2000 with
>> Jonathan's D-Star Client software. I have tested that with the TS-2000 but
>> don't yet have the correct sound fob.
>>
>>
>>
>> In case anyone is interested in why I'm doing this, I want to try some
>> D-Star on 6 and 10 meters, in anticipation of the new ICOM 9100 with D-Star
>> board.
>>
>>
>>
>> For the Hotspot testing, I connected the DV Dongle's DVTool to DVAR Hot
>> Spot, in effect creating a standalone D-Star radio out of my TS-2000 (no
>> internet connection). I am also hopeful some local people choose to put up
>> a 6 meter D-Star repeater.
>>
>>
>>
>> This DVTool/DVAR lashup is not ideal -- it's kludgy and there are some
>> router issues -- but it gets the job done for now. In the longer run, I'm
>> hoping some of the new products Fred has posted about here will become
>> available.
>>
>
>
>
><!-- #ygrp-mkp { border: 1px solid #d8d8d8; font-family: Arial; margin: 10px 0; padding: 0
10px; } #ygrp-mkp hr { border: 1px solid #d8d8d8; } #ygrp-mkp #hd { color: #628c2a;
font-size: 85%; font-weight: 700; line-height: 122%; margin: 10px 0; } #ygrp-mkp #ads {
margin-bottom: 10px; } #ygrp-mkp .ad { padding: 0 0; } #ygrp-mkp .ad p { margin: 0; }
#ygrp-mkp .ad a { color: #0000ff; text-decoration: none; } #ygrp-sponsor #ygrp-lc {
font-family: Arial; } #ygrp-sponsor #ygrp-lc #hd { margin: 10px 0px; font-weight: 700;
font-size: 78%; line-height: 122%; } #ygrp-sponsor #ygrp-lc .ad { margin-bottom: 10px;
padding: 0 0; } #actions { font-family: Verdana; font-size: 11px; padding: 10px 0; }
#activity { background-color: #e0ecee; float: left; font-family: Verdana; font-size: 10px;
padding: 10px; } #activity span { font-weight: 700; } #activity span:first-child {

text-transform: uppercase; } #activity span a { color: #5085b6; text-decoration: none; } #activity span span { color: #ff7900; } #activity span .underline { text-decoration: underline; } .attach { clear: both; display: table; font-family: Arial; font-size: 12px; padding: 10px 0; width: 400px; } .attach div a { text-decoration: none; } .attach img { border: none; padding-right: 5px; } .attach label { display: block; margin-bottom: 5px; } .attach label a { text-decoration: none; } blockquote { margin: 0 0 0 4px; } .bold { font-family: Arial; font-size: 13px; font-weight: 700; } .bold a { text-decoration: none; } dd.last p a { font-family: Verdana; font-weight: 700; } dd.last p span { margin-right: 10px; font-family: Verdana; font-weight: 700; } dd.last p span.yshortcuts { margin-right: 0; } div.attach-table div div a { text-decoration: none; } div.attach-table { width: 400px; } div.file-title a, div.file-title a:active, div.file-title a:hover, div.file-title a:visited { text-decoration: none; } div.photo-title a, div.photo-title a:active, div.photo-title a:hover, div.photo-title a:visited { text-decoration: none; } div#ygrp-mlmsg #ygrp-msg p a span.yshortcuts { font-family: Verdana; font-size: 10px; font-weight: normal; } .green { color: #628c2a; } .MsoNormal { margin: 0 0 0 0; } o { font-size: 0; } #photos div { float: left; width: 72px; } #photos div div { border: 1px solid #666666; height: 62px; overflow: hidden; width: 62px; } #photos div label { color: #666666; font-size: 10px; overflow: hidden; text-align: center; white-space: nowrap; width: 64px; } #reco-category { font-size: 77%; } #reco-desc { font-size: 77%; } .replbq { margin: 4px; } #ygrp-actbar div a:first-child { /* border-right: 0px solid #000;*/ margin-right: 2px; padding-right: 5px; } #ygrp-mlmsg { font-size: 13px; font-family: Arial, helvetica,clean, sans-serif; *font-size: small; *font: x-small; } #ygrp-mlmsg table { font-size: inherit; font: 100%; } #ygrp-mlmsg select, input, textarea { font: 99% Arial, Helvetica, clean, sans-serif; } #ygrp-mlmsg pre, code { font:115% monospace; *font-size:100%; } #ygrp-mlmsg * { line-height: 1.22em; } #ygrp-mlmsg #logo { padding-bottom: 10px; } #ygrp-msg p a { font-family: Verdana; } #ygrp-msg p#attach-count span { color: #1E66AE; font-weight: 700; } #ygrp-reco #reco-head { color: #ff7900; font-weight: 700; } #ygrp-reco { margin-bottom: 20px; padding: 0px; } #ygrp-sponsor #ov li a { font-size: 130%; text-decoration: none; } #ygrp-sponsor #ov li { font-size: 77%; list-style-type: square; padding: 6px 0; } #ygrp-sponsor #ov ul { margin: 0; padding: 0 0 0 8px; } #ygrp-text { font-family: Georgia; } #ygrp-text p { margin: 0 0 1em 0; } #ygrp-text tt { font-size: 120%; } #ygrp-vital ul li:last-child { border-right: none !important; } -->

10233. Re: Thorcom RLC290 GMSK Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-17 07:26:13 UTC
From: g1zpu
Topic: 9997 Message: 10233

You beat me to it Bob!!
With the upsurge in interest in these modems I was just about to upload those files.
If I locate any other useful files, I'll put them up on the site.

vy 73
Rob
M0ZPU

--- In gmsk_dv_node@yahoogroups.com, "w4mpq" <w4mpq@...> wrote:
>
>
>
> --- In gmsk_dv_node@yahoogroups.com, "pesa006" <pesa006@> wrote:
> >
> > Please share your copy of the manual for the RLC290!!!!
> >
> > 73 de Per
> >
> check the files section for manuals and prog.exe , prog.mpp and help file.
> Bob
>

10234. RE: [gmsk_dv_node] New file uploaded to gmsk_dv_node

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-18 19:37:18 UTC
From: Fred PA4YBR
Topic: 160 Message: 10234

People,

Just like with Kenwood programming software, please do not upload
copyrighted
manuals to the group's Files section unless you have provided a copy of the
written
authorization from the copyright holder that it is OK to do so.

Thankee,

Your humble group locker cleaner dude.

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Sunday, June 16, 2013 7:08 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] New file uploaded to gmsk_dv_node

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the gmsk_dv_node
group.

File : /RLC290.rar
Uploaded by : w4mpq <w4mpq@... <mailto:w4mpq%40hotmail.com> >
Description : thorcom manuals

You can access this file at the URL:
http://groups.yahoo.com/group/gmsk_dv_node/files/RLC290.rar

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

w4mpq <w4mpq@... <mailto:w4mpq%40hotmail.com> >

10235. ircDDB

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-13 19:38:34 UTC
From: Mike Swiatkowski
Topic: 10235 Message: 10235

Under Gateway in the ircDDB GUI, there are fields for "Gateway Address", and "Local Icom Address." What should I put there? Is gateway the gateway of the D-star node or is it the LAN gateway? Should I use LAN or WAN addresses here? Should these all be different than the linux computer, in my case the PI? So, if I am running 192.168.1.10 on the PI and my LAN Gateway is 192.168.1.1, should I enter a gateway address of 192.168.1.1, and a Local Icom Address of 192.168.128.10? I'm going to assume so because that would make the port forwarding easier.

Thanks,
Mike, AA9VI

10236. RE: [gmsk_dv_node] ircDDB

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-20 04:29:49 UTC
From: J. M. Moen
Topic: 10235 Message: 10236

You may get a better answer if you post that to the ircDDBGateway Yahoo Group. And there's good info on page 8 in the manual for ircDDBGateway found at http://groups.yahoo.com/group/ircDDBGateway/files/Documentation/Gateway-ENG.pdf

But since you are here.. In most cases, leave Gateway Address blank, unless you need to run more than one Gateway on the same pc. Don't worry about Local ICOM Address, since you aren't using that software to manage an ICOM repeater.

What is important is the IP address and port values for Local HB Address and Port match the values in GMSKRepeater - that is how those two programs are able to talk to each other.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Mike Swiatkowski
Sent: Thursday, June 13, 2013 12:39 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] ircDDB

Under Gateway in the ircDDB GUI, there are fields for "Gateway Address", and "Local Icom Address." What should I put there? Is gateway the gateway of the D-star node or is it the LAN gateway? Should I use LAN or WAN addresses here? Should these all be different than the linux computer, in my case the PI? So, if I am running 192.168.1.10 on the PI and my LAN Gateway is 192.168.1.1, should I enter a gateway address of 192.168.1.1, and a Local Icom Address of 192.168.128.10? I'm going to assume so because that would make the port forwarding easier.

Thanks,
Mike, AA9VI

10237. GMSK Boards - Which one?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-21 19:23:57 UTC
From: Jeremy J Barbouttis
Topic: 10237 Message: 10237

Hi All,

New to this list group, so not sure how it works…but hear goes…

Research seems to suggest there are three GMSK boards that I have come across-

Dutch Star Mini Hotspot

Moenem Star Board

DVRPTR_V

I realise that at least two of them use Dutch Star? I think?

Which is 'better'? Or do they all do the same thing?

Thanks

Jeremy

VK2MJM

10238. Re: [gmsk_dv_node] GMSK Boards - Which one?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-21 19:37:33 UTC
From: Fran Miele
Topic: 10237 Message: 10238

I would buy the DVRPTR V1. http://www.dvrptr.net/

--Fran

<http://s.wisestamp.com/links?url=http%3A%2F%2Fwww.ccdl.us%2F>
<http://s.wisestamp.com/links?url=http%3A%2F%2Fwww.miele-family.com%2Fweather>

IMPORTANT: The contents of this email and any attachments are confidential.
They are intended for the named recipient(s) only. If you have received
this email by mistake, please notify the sender immediately and do not
disclose the contents to anyone or make copies thereof.

On Fri, Jun 21, 2013 at 3:23 PM, Jeremy J Barbouttis <vk2mjm@...>wrote:

> **
>
>
> Hi All,
>
>
> New to this list group, so not sure how it works…but hear goes…
>
>
> Research seems to suggest there are three GMSK boards that I have come
> across-
>
> Dutch Star Mini Hotspot
>
> Moenem Star Board
>
> DVRPTR_V
>
> I realise that at least two of them use Dutch Star? I think?
>
> Which is 'better'? Or do they all do the same thing?
>
>
> Thanks
>
> Jeremy
>
> VK2MJM
>
>
>

10239. Re: [gmsk_dv_node] GMSK Boards - Which one?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-21 20:44:49 UTC
From: Dave-KB1PVH
Topic: 10237 Message: 10239

Jeremy,

I haven't dealt with Fred other than getting firmware, but he was very responsive to my request for Beta firmware and he is extremely helpful here on the group and his software is very nice.

I own two GMSK modems, one from Satoshi in Japan and the other is a MoenComm Star Board. If you get a Satoshi board, be prepared to get Z E R O support with any problems. He doesn't respond to emails, well he might respond for a purchase, but after that , he's done with you.

I have been having an issue with my Star Board and Jim has been in constant contact with me to resolve the issue, and going as far as offering to swap it with a new one. Jim cares about his product AND the people that buy it. He goes the extra mile to make things right.

I don't have any direct experience with the DVRPTR, but know a few people that have them and they like them, not sure how support is.

Dave-KB1PVH

Sent from my Verizon Wireless 4G LTE DROID

10240. Re: [gmsk_dv_node] GMSK Boards - Which one?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-21 20:45:39 UTC
From: Tim Tucker
Topic: 10237 Message: 10240

I purchased a MoenComm board and have had nothing but great support from
them getting everything running. I am considering buying another for
another hotspot or homebrew repeater.

Tim

On Fri, Jun 21, 2013 at 12:37 PM, Fran Miele <fran@...> wrote:

> **
>
>
> I would buy the DVRPTR V1. http://www.dvrptr.net/
>
> --Fran
>
>
>
> <http://s.wisestamp.com/links?url=http%3A%2F%2Fwww.ccdl.us%2F>
> <http://s.wisestamp.com/links?url=http%3A%2F%2Fwww.miele-family.com%2Fweather>
>
>
> IMPORTANT: The contents of this email and any attachments are
> confidential. They are intended for the named recipient(s) only. If you
> have received this email by mistake, please notify the sender immediately
> and do not disclose the contents to anyone or make copies thereof.
>
>
> On Fri, Jun 21, 2013 at 3:23 PM, Jeremy J Barbouttis <vk2mjm@...>wrote:
>
>> **
>>
>>
>> Hi All,
>>
>>
>> New to this list group, so not sure how it works…but hear goes…
>>
>>
>> Research seems to suggest there are three GMSK boards that I have come
>> across-
>>
>> Dutch Star Mini Hotspot
>>
>> Moenem Star Board
>>
>> DVRPTR_V

>>
>> I realise that at least two of them use Dutch Star? I think?
>>
>> Which is 'better'? Or do they all do the same thing?
>>
>>
>> Thanks
>>
>> Jeremy
>>
>> VK2MJM
>>
>>
>
>
>

10241. Re: GMSK Boards - Which one?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-21 21:03:24 UTC
From: bt912
Topic: 10237 Message: 10241

I second that Jim+Fred=MoenComm board=Success

Terje, LA9IS

--- In gmsk_dv_node@yahoogroups.com, Tim Tucker <tuckert@...> wrote:
>
> I purchased a MoenComm board and have had nothing but great support from
> them getting everything running. I am considering buying another for
> another hotspot or homebrew repeater.
>
> Tim
>
> On Fri, Jun 21, 2013 at 12:37 PM, Fran Miele <fran@...> wrote:
>
> > **
> >
> >
> > I would buy the DVRPTR V1. http://www.dvrptr.net/
> >
> > --Fran
> >
> >
> >
> > <http://s.wisestamp.com/links?url=http%3A%2F%2Fwww.ccdl.us%2F>
> > <http://s.wisestamp.com/links?url=http%3A%2F%2Fwww.miele-family.com%2Fweather>
> >
> >
> > IMPORTANT: The contents of this email and any attachments are
> > confidential. They are intended for the named recipient(s) only. If you
> > have received this email by mistake, please notify the sender immediately
> > and do not disclose the contents to anyone or make copies thereof.
> >
> >
> > On Fri, Jun 21, 2013 at 3:23 PM, Jeremy J Barbouttis <vk2mjm@...>wrote:
> >
> >> **
> >>
> >>
> >> Hi All,
> >>
> >>
> >> New to this list group, so not sure how it works but hear goes
> >>
> >>

> >> Research seems to suggest there are three GMSK boards that I have come
> >> across-
> >>
> >> Dutch Star Mini Hotspot
> >>
> >> Moenem Star Board
> >>
> >> DVRPTR_V
> >>
> >> I realise that at least two of them use Dutch Star? I think?
> >>
> >> Which is 'better'? Or do they all do the same thing?
> >>
> >>
> >> Thanks
> >>
> >> Jeremy
> >>
> >> VK2MJM
> >>
> >>
> >
> >
> >
>

10242. RE: [gmsk_dv_node] Re: GMSK Boards - Which one?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-21 22:13:48 UTC
From: NO9S Steve Butler
Topic: 10237 Message: 10242

I currently run 2 Moen on my repeaters.

I am also setting up a 3rd for another repeater.

Great support.

I second that Jim+Fred=MoenComm board=Success

Terje, LA9IS

--- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
, Tim Tucker <tuckert@...> wrote:
>
> I purchased a MoenComm board and have had nothing but great support from
> them getting everything running. I am considering buying another for
> another hotspot or homebrew repeater.
>
> Tim
>
> On Fri, Jun 21, 2013 at 12:37 PM, Fran Miele <fran@...> wrote:
>
> > **
> >
> >
> > I would buy the DVRPTR V1. http://www.dvrptr.net/
> >
> > --Fran
> >
> >
> >
> > <http://s.wisestamp.com/links?url=http%3A%2F%2Fwww.ccdl.us%2F>
> >
<http://s.wisestamp.com/links?url=http%3A%2F%2Fwww.miele-family.com%2Fweathe
r>
> >
> >
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immediately
> > and do not disclose the contents to anyone or make copies thereof.
> >
> >
> > On Fri, Jun 21, 2013 at 3:23 PM, Jeremy J Barbouttis <vk2mjm@...>wrote:
> >
> >> **

> >>
> >>
> >> Hi All,
> >>
> >>
> >> New to this list group, so not sure how it works.but hear goes.
> >>
> >>
> >> Research seems to suggest there are three GMSK boards that I have come
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> >>
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> >>
> >> Moenem Star Board
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> >>
> >> I realise that at least two of them use Dutch Star? I think?
> >>
> >> Which is 'better'? Or do they all do the same thing?
> >>
> >>
> >> Thanks
> >>
> >> Jeremy
> >>
> >> VK2MJM
> >>
> >>
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> >
> >
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10243. New FAQ for gmsk_dv_node - Give us your feedback

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-22 01:56:10 UTC
From: J. M. Moen
Topic: 10243 Message: 10243

The moderators of this group have set up a Frequently Asked Questions file.
We are looking for feedback, and also for other questions that should be
documented there. All help will be much appreciated!

You can see it at http://www.gmskdvnode.info/

(We'd wanted to put this in the Files area of this group's website, but
viewing requires being logged on, and we didn't want to make it difficult to
view, hence this separate site.)

10244. Re: [gmsk_dv_node] GMSK Boards - Which one?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-22 10:15:21 UTC
From: Jeremy J Barbouttis
Topic: 10237 Message: 10244

Thank you all for your replies - very helpful.

Apart from support, which I agree is very important, what I don't understand is if there is any difference between the boards regarding uses.

I understand there are at least three D-Star networks, and I am not wanting to choose a board that excludes me from any of them.

I have only used DPlus, but if there are two other networks, I am wanting to ensure I can access them with the board I get.

Or, maybe the boards, DVRPTR or Moenem Star Board, are essentially the same?

I look forward to your replies.

Many thanks

Jeremy
VK2MJM

On 22/06/2013, at 6:45 AM, Tim Tucker <tuckert@...> wrote:

> I purchased a MoenComm board and have had nothing but great support from them getting everything running. I am considering buying another for another hotspot or homebrew repeater.
>
> Tim
>
>
> On Fri, Jun 21, 2013 at 12:37 PM, Fran Miele <fran@...> wrote:
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> I would buy the DVRPTR V1. http://www.dvrptr.net/
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> On Fri, Jun 21, 2013 at 3:23 PM, Jeremy J Barbouttis <vk2mjm@...> wrote:
>
> Hi All,
>
>
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> New to this list group, so not sure how it works…but hear goes…
>
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>
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>
> DVRPTR_V
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> I realise that at least two of them use Dutch Star? I think?
>
> Which is 'better'? Or do they all do the same thing?
>
>
> Thanks
>
> Jeremy
>
> VK2MJM
>
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10245. Re: [gmsk_dv_node] GMSK Boards - Which one?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-22 15:25:02 UTC
From: Stacy Williams
Topic: 10237 Message: 10245

Hello all

Please, could someone advise o where a open DV pcb can be bought. Already,
I have ordered the dutchstar mini-hotspot and ambe codec.

Regards 73

Stacy
m0wsa

Spooky action at a distance.......
On Jun 22, 2013 11:16 AM, "Jeremy J Barbouttis" <vk2mjm@...> wrote:

> **
>
>
> Thank you all for your replies - very helpful.
>
> Apart from support, which I agree is very important, what I don't
> understand is if there is any difference between the boards regarding uses.
>
> I understand there are at least three D-Star networks, and I am not
> wanting to choose a board that excludes me from any of them.
>
> I have only used DPlus, but if there are two other networks, I am wanting
> to ensure I can access them with the board I get.
>
> Or, maybe the boards, DVRPTR or Moenem Star Board, are essentially the
> same?
>
> I look forward to your replies.
>
>
> Many thanks
>
>
> Jeremy
> VK2MJM
>
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>
>
> On 22/06/2013, at 6:45 AM, Tim Tucker <tuckert@email.com> wrote:
>
>
>
>

> I purchased a MoenComm board and have had nothing but great support from
> them getting everything running. I am considering buying another for
> another hotspot or homebrew repeater.
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> On Fri, Jun 21, 2013 at 12:37 PM, Fran Miele <fran@...>wrote:
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>> I would buy the DVRPTR V1. http://www.dvrptr.net/
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>> <http://s.wisestamp.com/links?url=http%3A%2F%2Fwww.ccdl.us%2F>
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>>
>>
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>> On Fri, Jun 21, 2013 at 3:23 PM, Jeremy J Barbouttis <vk2mjm@icloud.com>wrote:
>>
>>> **
>>>
>>>
>>> Hi All,
>>>
>>>
>>> New to this list group, so not sure how it works…but hear goes…
>>>
>>>
>>> Research seems to suggest there are three GMSK boards that I have come
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>>>
>>> Moenem Star Board
>>>
>>> DVRPTR_V
>>>
>>> I realise that at least two of them use Dutch Star? I think?
>>>
>>> Which is 'better'? Or do they all do the same thing?
>>>

>>>
>>> Thanks
>>>
>>> Jeremy
>>>
>>> VK2MJM
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10246. wiring

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-22 18:09:42 UTC
From: steve
Topic: 10246 Message: 10246

hiya u lot

im just wondering whats the whats the wiring for
the gm300 to work with modemcomm gmsk board whats the wiring for the comms cable to the board from the radio ? anyone know

10247. RE: [gmsk_dv_node] GMSK Boards - Which one?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-22 18:53:26 UTC
From: J. M. Moen
Topic: 10237 Message: 10247

All of the boards handle D-Star's GMSK digital voice, but the boards do not provide any linking or networking services.

Those services are provided by the pc software. The main applications we use for homebrew Hotspots and Repeaters are:
* DVAR Hotspot by Mark KB9KHM - DPlus linking. Windows.
* WinDV by Fred PA4YBR - DPlus, DExtra, DCS linking. Also allows setup of an ircDDB gateway for callsign routing. Currently Windows.
* GMSKRepeater + ircDDBGateway by Jonathon G4KLX - all of the above. Windows and Linux.
* FreeStar by Scott KI4LKF and Ramesh VA3UV. (I haven't yet used, but I think it also supports what WinDV and G4KLX do, on both Windows and Linux.)

Note also that the German board has its own pc software, but the board also works with G4KLX software. So the board choice will not limit what you can do, rather the software application choice determines what your system will be able to do.

Jim - K6JM

PS For an overview of setting up a Hotspot or homebrew Repeater, check "Building a D-Star Compatible Hotspot" at http://www.k6jm.com/hs-setup.htm .

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeremy J Barbouttis
Sent: Saturday, June 22, 2013 3:15 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] GMSK Boards - Which one?
Thank you all for your replies - very helpful.
Apart from support, which I agree is very important, what I don't understand is if there is any difference between the boards regarding uses.

I understand there are at least three D-Star networks, and I am not wanting to choose a board that excludes me from any of them.

I have only used DPlus, but if there are two other networks, I am wanting to ensure I can access them with the board I get.

Or, maybe the boards, DVRPTR or Moenem Star Board, are essentially the same?

I look forward to your replies.

Many thanks

Jeremy
VK2MJM

On 22/06/2013, at 6:45 AM, Tim Tucker <tuckert@...> wrote:

I purchased a MoenComm board and have had nothing but great support from them getting everything running. I am considering buying another for another hotspot or homebrew repeater.

Tim
On Fri, Jun 21, 2013 at 12:37 PM, Fran Miele <fran@...> wrote:

I would buy the DVRPTR V1. http://www.dvrptr.net/
--Fran

<http://s.wisestamp.com/links?url=http%3A%2F%2Fwww.ccdl.us%2F>

<http://s.wisestamp.com/links?url=http%3A%2F%2Fwww.miele-family.com%2Fweather>

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On Fri, Jun 21, 2013 at 3:23 PM, Jeremy J Barbouttis <vk2mjm@...> wrote:

Hi All,

New to this list group, so not sure how it works.but hear goes.

Research seems to suggest there are three GMSK boards that I have come across-

Dutch Star Mini Hotspot

Moenem Star Board

DVRPTR_V

I realise that at least two of them use Dutch Star? I think?

Which is 'better'? Or do they all do the same thing?

Thanks

Jeremy

VK2MJM

10248. Re: [gmsk_dv_node] GMSK Boards - Which one?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-22 19:06:08 UTC
From: Jeremy J Barbouttis
Topic: 10237 Message: 10248

Hi Jim,

Thank you for this info and link - much appreciated!

Jeremy
VK2MJM

On 23/06/2013, at 4:53 AM, "J. M. Moen" <jim@...> wrote:

> All of the boards handle D-Star's GMSK digital voice, but the boards do not provide any linking or networking services.
>
>
> Those services are provided by the pc software. The main applications we use for homebrew Hotspots and Repeaters are:
>
> · DVAR Hotspot by Mark KB9KHM – DPlus linking. Windows.
>
> · WinDV by Fred PA4YBR – DPlus, DExtra, DCS linking. Also allows setup of an ircDDB gateway for callsign routing. Currently Windows.
>
> · GMSKRepeater + ircDDBGateway by Jonathon G4KLX – all of the above. Windows and Linux.
>
> · FreeStar by Scott KI4LKF and Ramesh VA3UV. (I haven't yet used, but I think it also supports what WinDV and G4KLX do, on both Windows and Linux.)
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>
> Note also that the German board has its own pc software, but the board also works with G4KLX software. So the board choice will not limit what you can do, rather the software application choice determines what your system will be able to do.
>
> Jim – K6JM
>
> PS For an overview of setting up a Hotspot or homebrew Repeater, check "Building a D-Star Compatible Hotspot" at http://www.k6jm.com/hs-setup.htm .
>
>
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeremy J Barbouttis
> Sent: Saturday, June 22, 2013 3:15 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: Re: [gmsk_dv_node] GMSK Boards - Which one?
>
> Thank you all for your replies - very helpful.
>

> Apart from support, which I agree is very important, what I don't understand is if there is any difference between the boards regarding uses.
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> I understand there are at least three D-Star networks, and I am not wanting to choose a board that excludes me from any of them.
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> Or, maybe the boards, DVRPTR or Moenem Star Board, are essentially the same?
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> I look forward to your replies.
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> Many thanks
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> Jeremy
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> VK2MJM
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> On Fri, Jun 21, 2013 at 12:37 PM, Fran Miele <fran@miele-family.com> wrote:
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> I would buy the DVRPTR V1. http://www.dvrptr.net/
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> --Fran
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> On Fri, Jun 21, 2013 at 3:23 PM, Jeremy J Barbouttis <vk2mjm@...> wrote:
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> Which is 'better'? Or do they all do the same thing?
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> Jeremy
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> VK2MJM
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10249. RE: [gmsk_dv_node] wiring

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-22 19:11:33 UTC
From: J. M. Moen
Topic: 10246 Message: 10249

To build a cable from the GM300 to the board, check out "Building your own Hotspot Cable" at http://www.k6jm.com/hs-setupcbl.htm. The Motorola 16 pin accessory connector is covered towards the bottom of that page.

To make it easy, the page recommends you purchase the accessory plug (for example, from eBay). I prefer the ones that have the wires already installed so I can solder the pigtails to the cable I'm building. (Translation - I'm lazy.)

Hopefully you already have the correct Motorola RSS software and a PC that it will be able to run on, or you know someone who has that.

In addition to the basic programming of the radio, you should carefully check the exact frequency of the receiver and especially of the transmitter. Some people discover their Motorola radio, whether GM300 or MaxTrac, has gotten off frequency. D-Star GMSK requires the VFO be accurate. This is even more important when using newer D-Star radios like the 31A or 51A HTs.

There are some things you can do if the VFO is off frequency: 1)Remove the case and pull the bottom board apart from the top board, then clean/polish the pins that plug those together; 2)Use the RSS "Warp" adjustment to correct the frequency.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of steve
Sent: Saturday, June 22, 2013 11:10 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] wiring
hiya u lot

im just wondering whats the whats the wiring for
the gm300 to work with modemcomm gmsk board whats the wiring for the comms cable to the board from the radio ? anyone know

10250. RE: [gmsk_dv_node] GMSK Boards - Which one?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-22 19:14:19 UTC
From: Craig Gagner
Topic: 10237 Message: 10250

I just purchased a MoenComm Board from Jim and I will say it was very easy to get operating. I am running the G4KLX Software package on a Raspberry Pi computer and so far it has been operating flawlessly for over 24hrs .. It would have been up a lot longer but I had a flakey SD card and also some user induced issues I had to work out ..

Jim is awesome with support and is a wealth of info, doesn't matter what card you have Jim is always willing to help !

73, Craig W1MSG

KC1ACI B Repeater

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeremy J Barbouttis
Sent: Friday, June 21, 2013 3:24 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] GMSK Boards - Which one?

Hi All,

New to this list group, so not sure how it works.but hear goes.

Research seems to suggest there are three GMSK boards that I have come across-

Dutch Star Mini Hotspot

Moenem Star Board

DVRPTR_V

I realise that at least two of them use Dutch Star? I think?

Which is 'better'? Or do they all do the same thing?

Thanks

Jeremy

10251. window7 driver

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-26 11:41:06 UTC
From: ea8ee
Topic: 10251 Message: 10251

hi everybody where i can to locate the window7 driver for dutch board?

10252. RE: [gmsk_dv_node] window7 driver

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-26 16:51:50 UTC
From: Fred PA4YBR
Topic: 10251 Message: 10252

Same driver as WindowsXP.

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of ea8ee
Sent: Wednesday, June 26, 2013 1:41 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] window7 driver

hi everybody where i can to locate the window7 driver for dutch board?

10253. Re: window7 driver

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-26 16:54:46 UTC
From: ea8ee
Topic: 10251 Message: 10253

where can i download it?

El miércoles, 26 de junio de 2013, Fred PA4YBR escribió:

> **
>
>
> **
> Same driver as WindowsXP.
>
> --fred
>
> ------------------------------
> *From:* gmsk_dv_node@yahoogroups.com <javascript:_e({}, 'cvml',
> 'gmsk_dv_node@yahoogroups.com');> [mailto:gmsk_dv_node@yahoogroups.com<javascript:_e({},
'cvml', 'gmsk_dv_node@yahoogroups.com');>]
> *On Behalf Of *ea8ee
> *Sent:* Wednesday, June 26, 2013 1:41 PM
> *To:* gmsk_dv_node@yahoogroups.com <javascript:_e({}, 'cvml',
> 'gmsk_dv_node@yahoogroups.com');>
> *Subject:* [gmsk_dv_node] window7 driver
>
>
>
> hi everybody where i can to locate the window7 driver for dutch board?
>
>
>

10254. RE: [gmsk_dv_node] Re: window7 driver

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-26 17:08:31 UTC
From: Fred PA4YBR
Topic: 10251 Message: 10254

www.dutch-star.eu, where all the related software is... you have
downloaded from there before :)

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of ea8ee
Sent: Wednesday, June 26, 2013 6:55 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: window7 driver

where can i download it?

El miércoles, 26 de junio de 2013, Fred PA4YBR escribió:

Same driver as WindowsXP.

--fred

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From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of ea8ee
Sent: Wednesday, June 26, 2013 1:41 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] window7 driver

hi everybody where i can to locate the window7 driver for dutch board?

10255. RE: [gmsk_dv_node] window7 driver

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-26 18:22:17 UTC
From: J. M. Moen
Topic: 10251 Message: 10255

In other words, get the NATools package from the DUTCH*Star website's Software page and do a COMPLETE install.

But unlike Win XP, do not install winusb.dll.

Jim - K6JM

Note: For Windows 8 users, there's another trick needed, but I won't go into that here.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Fred PA4YBR
Sent: Wednesday, June 26, 2013 9:52 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] window7 driver

Same driver as WindowsXP.

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of ea8ee
Sent: Wednesday, June 26, 2013 1:41 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] window7 driver
hi everybody where i can to locate the window7 driver for dutch board?

10256. RE: [gmsk_dv_node] window7 driver

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-26 19:33:31 UTC
From: Fred PA4YBR
Topic: 10251 Message: 10256

Jim,

The installers usually look to see if any of the files to be installed is already
there. In the case of 'winusb.dll', it is, because Vista and up already have
WinUSB installed by default. So, normally, the "natools" installer will skip
installation of that module during its run. Still, we DO want it to install the
.INF file for the board, so we still have to tell it to "install" the driver
stuff..

I agree, this is messy.

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of J. M. Moen
Sent: Wednesday, June 26, 2013 8:22 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] window7 driver

In other words, get the NATools package from the DUTCH*Star website's
Software page and do a COMPLETE install.

But unlike Win XP, do not install winusb.dll.

Jim - K6JM

Note: For Windows 8 users, there's another trick needed, but I won't go into
that here.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
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Same driver as WindowsXP.

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<mailto:gmsk_dv_node@yahoogroups.com> mailto:gmsk_dv_node@yahoogroups.com]
On Behalf Of ea8ee
Sent: Wednesday, June 26, 2013 1:41 PM

To: <mailto:gmsk_dv_node@yahoogroups.com> gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] window7 driver

hi everybody where i can to locate the window7 driver for dutch board?

10257. Installing NATools and driver

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-27 01:43:52 UTC
From: J. M. Moen
Topic: 10257 Message: 10257

I've updated my web page "Building a D-Star Compatible Hotspot" - specifically I changed Step 2. This step is called "Install USB driver and NATools". This is found at http://www.k6jm.com/hs-setup.htm

I've added info that others have posted on this list about how to deal with driver signing issues on Windows 8, and I've added info about how to fix the error message about RICHTX32.TXT.

If anyone sees any errors, please let me know. Thanks.

Jim - K6JM

10258. RE: [gmsk_dv_node] Installing NATools and driver

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-27 07:14:16 UTC
From: Fred PA4YBR
Topic: 10257 Message: 10258

Good job, Jim, thanks !

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of J. M. Moen
Sent: Thursday, June 27, 2013 3:44 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Installing NATools and driver

I've updated my web page "Building a D-Star Compatible Hotspot" - specifically I changed Step 2. This step is called "Install USB driver and NATools". This is found at <http://www.k6jm.com/hs-setup.htm> http://www.k6jm.com/hs-setup.htm

I've added info that others have posted on this list about how to deal with driver signing issues on Windows 8, and I've added info about how to fix the error message about RICHTX32.TXT.

If anyone sees any errors, please let me know. Thanks.

Jim - K6JM

10259. Icom ID-E880 to GMSK Node Adapter

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-29 04:32:28 UTC
From: jorgenbodholdt
Topic: 10259 Message: 10259

Can you use the Icom ID-E880 (FM mode)
to Star*Board GMSK Node Adapter ?

Jørgen

10260. Re: Icom ID-E880 to GMSK Node Adapter

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-29 12:16:40 UTC
From: repeater.group
Topic: 10259 Message: 10260

--- In gmsk_dv_node@yahoogroups.com, "jorgenbodholdt" <oz3jbp@...> wrote:
>
> Can you use the Icom ID-E880 (FM mode)
> to Star*Board GMSK Node Adapter ?
>
> Jørgen
>
Yes you can, but it is a very expensive radio to use in this way.

A. DNS

10261. deviation level

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-29 16:21:06 UTC
From: ea8ee
Topic: 10261 Message: 10261

Hello everyone! I would like to know how I can adjust the deviation to the GMSK node so that the Id-51 handy it can decode

10262. Re: Icom ID-E880 to GMSK Node Adapter

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-29 18:05:50 UTC
From: jorgenbodholdt
Topic: 10259 Message: 10262

```
--- In gmsk_dv_node@yahoogroups.com, "repeater.group" <m1dns.gb3hb@...> wrote:
>
>
>
> --- In gmsk_dv_node@yahoogroups.com, "jorgenbodholdt" <oz3jbp@> wrote:
> >
> > Can you use the Icom ID-E880 (FM mode)
> > to Star*Board GMSK Node Adapter ?
> >
> > Jørgen
> >
> Yes you can, but it is a very expensive radio to use in this way.
>
> A. DNS
>

thanks for the reply

Jørgen
```

10263. Re: Icom ID-E880 to GMSK Node Adapter

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-29 21:40:13 UTC
From: John
Topic: 10259 Message: 10263

Yes, using the 9600 baud packet connection.

Most any radio with a 9600 baud packet connection would work. If you have another radio with this feature, save the 880 for on air D-STAR.

--- In gmsk_dv_node@yahoogroups.com, "jorgenbodholdt" <oz3jbp@...> wrote:
>
> Can you use the Icom ID-E880 (FM mode)
> to Star*Board GMSK Node Adapter ?
>
> Jørgen
>

10264. Re: deviation level

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-30 19:28:00 UTC
From: Jose Manuel
Topic: 10261 Message: 10264

I icrease the value of TX trimmer from the PA3YBR board from 50 % to 80% but the id-51 dont decode the dv modulation instead the ic-880 decode nicely
any suggestion??

--- In gmsk_dv_node@yahoogroups.com, ea8ee <ea8ee1@...> wrote:
>
> Hello everyone! I would like to know how I can adjust the deviation to the
> GMSK node so that the Id-51 handy it can decode
>

10265. RE: [gmsk_dv_node] Re: deviation level

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-06-30 20:28:27 UTC
From: Fred PA4YBR
Topic: 10261 Message: 10265

It has to be *decreased* probably... the ID-31 and ID-51's are very
picky, and will filter out "wide" signals. So, keep the "TX audio" as
low as you can on the hotspot.... try going from 50% to 30% !

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of Jose Manuel
Sent: Sunday, June 30, 2013 9:28 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: deviation level

I icrease the value of TX trimmer from the PA3YBR board from 50 % to 80% but
the id-51 dont decode the dv modulation instead the ic-880 decode nicely
any suggestion??

--- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
, ea8ee <ea8ee1@...> wrote:
>
> Hello everyone! I would like to know how I can adjust the deviation to the
> GMSK node so that the Id-51 handy it can decode
>

10266. Re: [gmsk_dv_node] Re: deviation level

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-01 08:03:14 UTC
From: jose
Topic: 10261 Message: 10266

nothing! with 20 or 30% the ID -51 dont decode nothing

El 30/06/2013 21:28, Fred PA4YBR escribi?:
>
> It has to be *decreased* probably... the ID-31 and ID-51's are very
> picky, and will filter out "wide" signals. So, keep the "TX audio" as
> low as you can on the hotspot.... try going from 50% to 30% !
> --fred
>
> ---
> *From:* gmsk_dv_node@yahoogroups.com
> [mailto:gmsk_dv_node@yahoogroups.com] *On Behalf Of *Jose Manuel
> *Sent:* Sunday, June 30, 2013 9:28 PM
> *To:* gmsk_dv_node@yahoogroups.com
> *Subject:* [gmsk_dv_node] Re: deviation level
>
> I icrease the value of TX trimmer from the PA3YBR board from 50 % to
> 80% but the id-51 dont decode the dv modulation instead the ic-880
> decode nicely
> any suggestion??
>
> --- In gmsk_dv_node@yahoogroups.com
> <mailto:gmsk_dv_node%40yahoogroups.com>, ea8ee <ea8ee1@...> wrote:
> >
> > Hello everyone! I would like to know how I can adjust the deviation
> to the
> > GMSK node so that the Id-51 handy it can decode
> >
>
>

10267. Re: [gmsk_dv_node] Re: deviation level

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-01 08:09:03 UTC
From: Ken Boyle
Topic: 10261 Message: 10267

Set transmitter to wideband then try tuning the hotspot again....
73,
Ken
KC2IDB

jose <ea8ee1@gmail.com> wrote:

>
>
>nothing! with 20 or 30% the ID -51 dont decode nothing
>
>El 30/06/2013 21:28, Fred PA4YBR escribió:
>
>
>
>It has to be *decreased* probably... the ID-31 and ID-51's are very
>
>picky, and will filter out "wide" signals. So, keep the "TX audio" as
>
>low as you can on the hotspot.... try going from 50% to 30% !
>
>
>
>--fred
>
>
>From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jose Manuel
>Sent: Sunday, June 30, 2013 9:28 PM
>To: gmsk_dv_node@yahoogroups.com
>Subject: [gmsk_dv_node] Re: deviation level
>
>
>
>I icrease the value of TX trimmer from the PA3YBR board from 50 % to 80% but the id-51 dont decode the dv modulation instead the ic-880 decode nicely
>any suggestion??
>
>--- In gmsk_dv_node@yahoogroups.com, ea8ee <ea8ee1@...> wrote:
>>
>> Hello everyone! I would like to know how I can adjust the deviation to the
>> GMSK node so that the Id-51 handy it can decode
>>
>
>

>
>
><!-- #ygrp-mkp { border: 1px solid #d8d8d8; font-family: Arial; margin: 10px 0; padding: 0 10px; } #ygrp-mkp hr { border: 1px solid #d8d8d8; } #ygrp-mkp #hd { color: #628c2a; font-size: 85%; font-weight: 700; line-height: 122%; margin: 10px 0; } #ygrp-mkp #ads { margin-bottom: 10px; } #ygrp-mkp .ad { padding: 0 0; } #ygrp-mkp .ad p { margin: 0; } #ygrp-mkp .ad a { color: #0000ff; text-decoration: none; } #ygrp-sponsor #ygrp-lc { font-family: Arial; } #ygrp-sponsor #ygrp-lc #hd { margin: 10px 0px; font-weight: 700; font-size: 78%; line-height: 122%; } #ygrp-sponsor #ygrp-lc .ad { margin-bottom: 10px; padding: 0 0; } #actions { font-family: Verdana; font-size: 11px; padding: 10px 0; } #activity { background-color: #e0ecee; float: left; font-family: Verdana; font-size: 10px; padding: 10px; } #activity span { font-weight: 700; } #activity span:first-child { text-transform: uppercase; } #activity span a { color: #5085b6; text-decoration: none; } #activity span span { color: #ff7900; } #activity span .underline { text-decoration: underline; } .attach { clear: both; display: table; font-family: Arial; font-size: 12px; padding: 10px 0; width: 400px; } .attach div a { text-decoration: none; } .attach img { border: none; padding-right: 5px; } .attach label { display: block; margin-bottom: 5px; } .attach label a { text-decoration: none; } blockquote { margin: 0 0 0 4px; } .bold { font-family: Arial; font-size: 13px; font-weight: 700; } .bold a { text-decoration: none; } dd.last p a { font-family: Verdana; font-weight: 700; } dd.last p span { margin-right: 10px; font-family: Verdana; font-weight: 700; } dd.last p span.yshortcuts { margin-right: 0; } div.attach-table div div a { text-decoration: none; } div.attach-table { width: 400px; } div.file-title a, div.file-title a:active, div.file-title a:hover, div.file-title a:visited { text-decoration: none; } div.photo-title a, div.photo-title a:active, div.photo-title a:hover, div.photo-title a:visited { text-decoration: none; } div#ygrp-mlmsg #ygrp-msg p a span.yshortcuts { font-family: Verdana; font-size: 10px; font-weight: normal; } .green { color: #628c2a; } .MsoNormal { margin: 0 0 0 0; } o { font-size: 0; } #photos div { float: left; width: 72px; } #photos div div { border: 1px solid #666666; height: 62px; overflow: hidden; width: 62px; } #photos div label { color: #666666; font-size: 10px; overflow: hidden; text-align: center; white-space: nowrap; width: 64px; } #reco-category { font-size: 77%; } #reco-desc { font-size: 77%; } .replbq { margin: 4px; } #ygrp-actbar div a:first-child { /* border-right: 0px solid #000;*/ margin-right: 2px; padding-right: 5px; } #ygrp-mlmsg { font-size: 13px; font-family: Arial, helvetica,clean, sans-serif; *font-size: small; *font: x-small; } #ygrp-mlmsg table { font-size: inherit; font: 100%; } #ygrp-mlmsg select, input, textarea { font: 99% Arial, Helvetica, clean, sans-serif; } #ygrp-mlmsg pre, code { font:115% monospace; *font-size:100%; } #ygrp-mlmsg * { line-height: 1.22em; } #ygrp-mlmsg #logo { padding-bottom: 10px; } #ygrp-msg p a { font-family: Verdana; } #ygrp-msg p#attach-count span { color: #1E66AE; font-weight: 700; } #ygrp-reco #reco-head { color: #ff7900; font-weight: 700; } #ygrp-reco { margin-bottom: 20px; padding: 0px; } #ygrp-sponsor #ov li a { font-size: 130%; text-decoration: none; } #ygrp-sponsor #ov li { font-size: 77%; list-style-type: square; padding: 6px 0; } #ygrp-sponsor #ov ul { margin: 0; padding: 0 0 0 8px; } #ygrp-text { font-family: Georgia; } #ygrp-text p { margin: 0 0 1em 0; } #ygrp-text tt { font-size: 120%; } #ygrp-vital ul li:last-child { border-right: none !important; } -->

10268. Re: [gmsk_dv_node] Re: deviation level

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-01 08:30:51 UTC
From: Martin Williamson
Topic: 10261 Message: 10268

There is a very small 'sweet spot' with the deviation setting to get the 31/51 to decode the voice and message data correctly. Try recording a long echo transmission and slowly adjust the pot until your radio starts to decode the signal. I found it easier to to set it up initially with a 92 which isn't so picky and use this as a starting point to fine tune it to the 31.

Martin

Sent from my iPhone

On 1 Jul 2013, at 09:09, Ken Boyle <kc2idb@yahoo.com> wrote:

> Set transmitter to wideband then try tuning the hotspot again....
> 73,
> Ken
> KC2IDB
>
> jose <ea8ee1@...> wrote:
>
>
>
> nothing! with 20 or 30% the ID -51 dont decode nothing
>
> El 30/06/2013 21:28, Fred PA4YBR escribió:
>>
>> It has to be *decreased* probably... the ID-31 and ID-51's are very
>> picky, and will filter out "wide" signals. So, keep the "TX audio" as
>> low as you can on the hotspot.... try going from 50% to 30% !
>>
>> --fred
>>
>> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jose Manuel
>> Sent: Sunday, June 30, 2013 9:28 PM
>> To: gmsk_dv_node@yahoogroups.com
>> Subject: [gmsk_dv_node] Re: deviation level
>>
>>
>> I icrease the value of TX trimmer from the PA3YBR board from 50 % to 80% but the id-51 dont decode the dv modulation instead the ic-880 decode nicely
>> any suggestion??
>>
>> --- In gmsk_dv_node@yahoogroups.com, ea8ee <ea8ee1@...> wrote:
>> >
>> > Hello everyone! I would like to know how I can adjust the deviation to the
>> > GMSK node so that the Id-51 handy it can decode

>> >
>>
>
>

10269. Re: [gmsk_dv_node] Re: deviation level

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-01 08:59:05 UTC
From: ea8ee
Topic: 10261 Message: 10269

nothing to do, the id51 is stil deaf

2013/7/1 Martin Williamson <martin.2e1thx@...>

> **
>
>
> There is a very small 'sweet spot' with the deviation setting to get the
> 31/51 to decode the voice and message data correctly. Try recording a long
> echo transmission and slowly adjust the pot until your radio starts to
> decode the signal. I found it easier to to set it up initially with a 92
> which isn't so picky and use this as a starting point to fine tune it to
> the 31.
>
> Martin
>
> Sent from my iPhone
>
> On 1 Jul 2013, at 09:09, Ken Boyle <kc2idb@...> wrote:
>
>
>
>
> Set transmitter to wideband then try tuning the hotspot again....
> 73,
> Ken
> KC2IDB
>
> jose <ea8ee1@...> wrote:
>
>
>
>
> nothing! with 20 or 30% the ID -51 dont decode nothing
>
> El 30/06/2013 21:28, Fred PA4YBR escribió:
>
>
>
>
> It has to be *decreased* probably... the ID-31 and ID-51's are very
> picky, and will filter out "wide" signals. So, keep the "TX audio" as
> low as you can on the hotspot.... try going from 50% to 30% !
>
> --fred
>
> ------------------------------
> *From:* gmsk_dv_node@yahoogroups.com

[mailto:gmsk_dv_node@yahoogroups.com<gmsk_dv_node@yahoogroups.com>]
> *On Behalf Of *Jose Manuel
> *Sent:* Sunday, June 30, 2013 9:28 PM
> *To:* gmsk_dv_node@yahoogroups.com
> *Subject:* [gmsk_dv_node] Re: deviation level
>
>
>
> I icrease the value of TX trimmer from the PA3YBR board from 50 % to 80%
> but the id-51 dont decode the dv modulation instead the ic-880 decode nicely
> any suggestion??
>
> --- In gmsk_dv_node@yahoogroups.com, ea8ee <ea8ee1@...> <ea8ee1@...>wrote:
> >
> > Hello everyone! I would like to know how I can adjust the deviation to
> the
> > GMSK node so that the Id-51 handy it can decode
> >
>
>
>
>

10270. RE: [gmsk_dv_node] Re: deviation level

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-01 09:08:10 UTC
From: Fred PA4YBR
Topic: 10261 Message: 10270

What radio are you using with it?

I just tested with a Friendcom FC-301/D and an ID-51 and that works, the deviation was not *very* picky. I did have to tune it more than when testing
with the IC-92 of course, but not a lot (about one millimeter.)

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of ea8ee
Sent: Monday, July 01, 2013 10:59 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Re: deviation level

nothing to do, the id51 is stil deaf

2013/7/1 Martin Williamson <martin.2e1thx@...>

There is a very small 'sweet spot' with the deviation setting to get the 31/51 to decode the voice and message data correctly. Try recording a long echo transmission and slowly adjust the pot until your radio starts to decode the signal. I found it easier to to set it up initially with a 92 which isn't so picky and use this as a starting point to fine tune it to the 31.

Martin

Sent from my iPhone

On 1 Jul 2013, at 09:09, Ken Boyle <kc2idb@...> wrote:

Set transmitter to wideband then try tuning the hotspot again....
73,
Ken
KC2IDB

jose <ea8ee1@...> wrote:

nothing! with 20 or 30% the ID -51 dont decode nothing

El 30/06/2013 21:28, Fred PA4YBR escribió:

It has to be *decreased* probably... the ID-31 and ID-51's are very picky, and will filter out "wide" signals. So, keep the "TX audio" as low as you can on the hotspot.... try going from 50% to 30% !

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jose Manuel
Sent: Sunday, June 30, 2013 9:28 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: deviation level

I icrease the value of TX trimmer from the PA3YBR board from 50 % to 80% but the id-51 dont decode the dv modulation instead the ic-880 decode nicely
any suggestion??

--- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
, ea8ee <mailto:ea8ee1@...> <ea8ee1@...> wrote:
>
> Hello everyone! I would like to know how I can adjust the deviation to the
> GMSK node so that the Id-51 handy it can decode
>

10271. Re: deviation level

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-01 09:47:06 UTC
From: ea8ee
Topic: 10261 Message: 10271

id-51

El lunes, 1 de julio de 2013, Fred PA4YBR escribió:

> **
>
>
> **
> What radio are you using with it?
>
> I just tested with a Friendcom FC-301/D and an ID-51 and that works, the
> deviation was not *very* picky. I did have to tune it more than when
> testing
> with the IC-92 of course, but not a lot (about one millimeter.)
>
> --fred
>
> ------------------------------
> *From:* gmsk_dv_node@yahoogroups.com <javascript:_e({}, 'cvml',
> 'gmsk_dv_node@yahoogroups.com');> [mailto:gmsk_dv_node@yahoogroups.com<javascript:_e({},
'cvml', 'gmsk_dv_node@yahoogroups.com');>]
> *On Behalf Of *ea8ee
> *Sent:* Monday, July 01, 2013 10:59 AM
> *To:* gmsk_dv_node@yahoogroups.com <javascript:_e({}, 'cvml',
> 'gmsk_dv_node@yahoogroups.com');>
> *Subject:* Re: [gmsk_dv_node] Re: deviation level
>
>
>
> nothing to do, the id51 is stil deaf
>
>
> 2013/7/1 Martin Williamson <martin.2e1thx@yahoo.com <javascript:_e({},
> 'cvml', 'martin.2e1thx@...');>>
>
>> **
>>
>>
>> There is a very small 'sweet spot' with the deviation setting to get the
>> 31/51 to decode the voice and message data correctly. Try recording a long
>> echo transmission and slowly adjust the pot until your radio starts to
>> decode the signal. I found it easier to to set it up initially with a 92
>> which isn't so picky and use this as a starting point to fine tune it to
>> the 31.
>>

>> Martin
>>
>> Sent from my iPhone
>>
>> On 1 Jul 2013, at 09:09, Ken Boyle <kc2idb@... <javascript:_e({},
>> 'cvml', 'kc2idb@...');>> wrote:
>>
>>
>>
>> Set transmitter to wideband then try tuning the hotspot again....
>> 73,
>> Ken
>> KC2IDB
>>
>> jose <ea8ee1@gmail.com <javascript:_e({}, 'cvml', 'ea8ee1@...');>>
>> wrote:
>>
>>
>>
>> nothing! with 20 or 30% the ID -51 dont decode nothing
>>
>> El 30/06/2013 21:28, Fred PA4YBR escribió:
>>
>>
>>
>> It has to be *decreased* probably... the ID-31 and ID-51's are very
>> picky, and will filter out "wide" signals. So, keep the "TX audio" as
>> low as you can on the hotspot.... try going from 50% to 30% !
>>
>> --fred
>>
>> ------------------------------
>> *From:* gmsk_dv_node@yahoogroups.com <javascript:_e({}, 'cvml',
>> 'gmsk_dv_node@yahoogroups.com');>
[mailto:gmsk_dv_node@yahoogroups.com<javascript:_e({}, 'cvml',
'gmsk_dv_node@yahoogroups.com');>]
>> *On Behalf Of *Jose Manuel
>> *Sent:* Sunday, June 30, 2013 9:28 PM
>> *To:* gmsk_dv_node@yahoogroups.com <javascript:_e({}, 'cvml',
>> 'gmsk_dv_node@yahoogroups.com');>
>> *Subject:* [gmsk_dv_node] Re: deviation level
>>
>>
>>
>> I icrease the value of TX trimmer from the PA3YBR board from 50 % to 80%
>> but the id-51 dont decode the dv modulation instead the ic-880 decode nicely
>> any suggestion??
>>
>> --- In gmsk_dv_node@yahoogroups.com <javascript:_e({}, 'cvml',
>> 'gmsk_dv_node%40yahoogroups.com');>, ea8ee <ea8ee1@...><javascript:_e({}, 'cvml',

'ea8ee1@...');>wrote:
>> >
>> > Hello everyone! I would like to know how I can adjust the deviation to
>> the
>> > GMSK node so that the Id-51 handy it can decode
>> >
>>
>>
>>
>
>

10272. RE: [gmsk_dv_node] Re: deviation level

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-01 11:21:29 UTC
From: J. M. Moen
Topic: 10261 Message: 10272

Which analog FM radio are you using?

Some analog radios, when used with the 31 or 51, need more TX audio that the typical GMSK Modem can deliver, even when the TX trim pot is turned all the way to maximum.

This is not common, but if your analog radio is one of those, you may need to do a small mod to your GMSK Modem to increase the TX audio level. This is usually done by bypassing a resistor in the TX audio path.

Martin suggested first adjusting the TX trim pot using another D-Star radio like the 92. If you are able to get a Ham to loan you another D-Star radio, you can learn how much drive your analog radio really needs. If the correct setting is with the TX trim pot set to maximum, but you cannot find the ☐sweet spot☐ when using the 51, then the modem mod may be needed.

Otherwise, it may be you are not turning the TX trim pot slowly enough. For your analog radio, the best setting may be very, very narrow and hard to find.

Jim ☐ K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of ea8ee
Sent: Monday, July 01, 2013 2:47 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: deviation level

id-51

El lunes, 1 de julio de 2013, Fred PA4YBR escribió:

What radio are you using with it?

I just tested with a Friendcom FC-301/D and an ID-51 and that works, the deviation was not *very* picky. I did have to tune it more than when testing
with the IC-92 of course, but not a lot (about one millimeter.)

--fred

10273. Re: [gmsk_dv_node] Re: deviation level

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-01 12:23:28 UTC
From: ea8ee
Topic: 10261 Message: 10273

Ft7800 Yaesu, What resistor is needed to add to the board? how the slowly I should to set the tx trimmer?

2013/7/1 J. M. Moen <jim@...>

> **
>
>
> **
>
> Which analog FM radio are you using?
>
> Some analog radios, when used with the 31 or 51, need more TX audio that
> the typical GMSK Modem can deliver, even when the TX trim pot is turned all
> the way to maximum.
>
> This is not common, but if your analog radio is one of those, you may need
> to do a small mod to your GMSK Modem to increase the TX audio level. This
> is usually done by bypassing a resistor in the TX audio path.
>
> Martin suggested first adjusting the TX trim pot using another D-Star
> radio like the 92. If you are able to get a Ham to loan you another
> D-Star radio, you can learn how much drive your analog radio really
> needs. If the correct setting is with the TX trim pot set to maximum, but
> you cannot find the “sweet spot” when using the 51, then the modem mod
> may be needed.
>
> Otherwise, it may be you are not turning the TX trim pot slowly enough.
> For your analog radio, the best setting may be very, very narrow and hard
> to find.
>
> Jim – K6JM
>
> ***From:* gmsk_dv_node@yahoogroups.com [
> mailto:gmsk_dv_node@yahoogroups.com <gmsk_dv_node@yahoogroups.com>]*** On
> Behalf Of* ea8ee
> **
> *Sent:* Monday, July 01, 2013 2:47 AM
> ***To:* gmsk_dv_node@yahoogroups.com
> ***Subject:* [gmsk_dv_node] Re: deviation level
>
>
>
> id-51
>

>
> El lunes, 1 de julio de 2013, Fred PA4YBR escribió:
>
>
>
> What radio are you using with it?
>
>
>
> I just tested with a Friendcom FC-301/D and an ID-51 and that works, the
>
> deviation was not *very* picky. I did have to tune it more than when
> testing
>
> with the IC-92 of course, but not a lot (about one millimeter.)
>
>
>
> --fred
>
>
>

10274. Re: [gmsk_dv_node] Re: deviation level

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-01 12:47:23 UTC
From: Martin Williamson
Topic: 10261 Message: 10274

I'm using the FT7900 which should be similar to your FT7800. I have not had to modify the board in any way but as I said earlier it is a very fine adjustment of the trim pot. Make sure the radio is in 9600 mode and that you are imputing the audio to the correct pin of the data jack.

Martin

Sent from my iPhone

On 1 Jul 2013, at 13:23, ea8ee <ea8ee1@...> wrote:

> Ft7800 Yaesu, What resistor is needed to add to the board? how the slowly I should to set the tx trimmer?
>
>
> 2013/7/1 J. M. Moen <jim@...>
>>
>>
>> Which analog FM radio are you using?
>>
>> Some analog radios, when used with the 31 or 51, need more TX audio that the typical GMSK Modem can deliver, even when the TX trim pot is turned all the way to maximum.
>>
>>
>> This is not common, but if your analog radio is one of those, you may need to do a small mod to your GMSK Modem to increase the TX audio level. This is usually done by bypassing a resistor in the TX audio path.
>>
>> Martin suggested first adjusting the TX trim pot using another D-Star radio like the 92. If you are able to get a Ham to loan you another D-Star radio, you can learn how much drive your analog radio really needs. If the correct setting is with the TX trim pot set to maximum, but you cannot find the “sweet spot” when using the 51, then the modem mod may be needed.
>>
>> Otherwise, it may be you are not turning the TX trim pot slowly enough. For your analog radio, the best setting may be very, very narrow and hard to find.
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>> Jim – K6JM
>>
>> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of ea8ee
>> Sent: Monday, July 01, 2013 2:47 AM
>> To: gmsk_dv_node@yahoogroups.com
>> Subject: [gmsk_dv_node] Re: deviation level
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>> with the IC-92 of course, but not a lot (about one millimeter.)
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>>
>> --fred
>>
>
>

10275. Re: [gmsk_dv_node] Re: deviation level

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-01 12:54:47 UTC
From: ea8ee
Topic: 10261 Message: 10275

What is the % are you setup the TX trimmer??

2013/7/1 Martin Williamson <martin.2e1thx@...>

> **
>
>
> I'm using the FT7900 which should be similar to your FT7800. I have not
> had to modify the board in any way but as I said earlier it is a very fine
> adjustment of the trim pot. Make sure the radio is in 9600 mode and that
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>
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>
> On 1 Jul 2013, at 13:23, ea8ee <ea8ee1@...> wrote:
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>>
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>>
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>> --fred
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>

10276. Re: [gmsk_dv_node] Re: deviation level

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-01 13:18:24 UTC
From: Martin Williamson
Topic: 10261 Message: 10276

I can't remember it was set up over 6 months ago and I'm not in a position to take the board out of the case to look at the moment. If you start at either fully clockwise or fully anticlockwise and turn it very slowly in the opposite direction whilst listening to you echo transmission you will hit the correct spot at some point.

Martin

Sent from my iPhone

On 1 Jul 2013, at 13:54, ea8ee <ea8ee1@...> wrote:

> What is the % are you setup the TX trimmer??
>
>
> 2013/7/1 Martin Williamson <martin.2e1thx@...>
>>
>> I'm using the FT7900 which should be similar to your FT7800. I have not had to modify the board in any way but as I said earlier it is a very fine adjustment of the trim pot. Make sure the radio is in 9600 mode and that you are imputing the audio to the correct pin of the data jack.
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>>>> Martin suggested first adjusting the TX trim pot using another D-Star radio like the

92. If you are able to get a Ham to loan you another D-Star radio, you can learn how much drive your analog radio really needs. If the correct setting is with the TX trim pot set to maximum, but you cannot find the “sweet spot” when using the 51, then the modem mod may be needed.
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>>>> Otherwise, it may be you are not turning the TX trim pot slowly enough. For your analog radio, the best setting may be very, very narrow and hard to find.
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>>>> Jim – K6JM
>>>>
>>>> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of ea8ee
>>>> Sent: Monday, July 01, 2013 2:47 AM
>>>> To: gmsk_dv_node@yahoogroups.com
>>>> Subject: [gmsk_dv_node] Re: deviation level
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>>>> deviation was not *very* picky. I did have to tune it more than when testing
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>>>> with the IC-92 of course, but not a lot (about one millimeter.)
>>>>
>>>>
>>>>
>>>> --fred
>>>>
>
>

10277. Re: deviation level

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-01 16:55:33 UTC
From: John
Topic: 10261 Message: 10277

--- In gmsk_dv_node@yahoogroups.com, ea8ee <ea8ee1@...> wrote:
>
> nothing to do, the id51 is stil deaf
>
>

The radio is not 'deaf' -- either the modulation is over deviated or under deviated. Or you have a radio that isn't clean on transmit (what model radio are you using on the 'hotspot' side?).

In the absence of a deviation meter, the procedure I use, is to take a 3rd analog FM receiver. I key up the handheld and listen, on the analog receiver, to the 'loudness' of the handheld, then I run a long echo transmission through the 'hotspot' and listen to its 'loudness' -- this gives an idea whether the GMSK transmit pot needs to go up or down. When they sound close (the HT and the 'hotspot') then I keep running the long echos and adjust the pot in very small steps, until its right and the ID-51/31 is decoding.

DE K7VE

10278. edit Preferences and missing 'Richtx32.ocx file

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-02 07:04:14 UTC
From: jorgenbodholdt
Topic: 10278 Message: 10278

Can not edit Preferences GMSK Repeater.
And missing 'Richtx32.ocx file

I run win7

10279. RE: [gmsk_dv_node] edit Preferences and missing 'Richtx32.ocx file

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-02 17:10:50 UTC
From: J. M. Moen
Topic: 10278 Message: 10279

I've added the RICHTX32.OCX question and answer to this group's FAQ at
http://www.gmskdvnode.info/

I don't think the G4KLX software requires RICHTX32.OCX, but some of the DUTCH*Star programs in NATools do. NATools uses Visual Basic and needs that module. Until recently, Microsoft automatically installed the VB runtime library when Windows was installed. With recent versions of Windows, they have stopped that, and you need to get the missing library, or in this case, .OCX file, yourself. The solution for RICHTX32.OCX is at:
http://angrybyte.com/windows-hacks/richtx32-ocx-for-64-bit-windows-7-vista/
.

Regarding the GMSKRepeater question -- What happens that makes you say you cannot edit Preferences for GMSKRepeater? With GMSKRepeater running in GUI mode (not daemon mode), when you go to the menu bar and select Edit, can you then select Preferences?

If yes, what happens next?

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of jorgenbodholdt
Sent: Tuesday, July 02, 2013 12:04 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] edit Preferences and missing 'Richtx32.ocx file
Can not edit Preferences GMSK Repeater.
And missing 'Richtx32.ocx file

I run win7

10280. Re: edit Preferences and missing 'Richtx32.ocx file

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-02 23:17:39 UTC
From: jorgenbodholdt
Topic: 10278 Message: 10280

--- In gmsk_dv_node@yahoogroups.com, "J. M. Moen" <jim@...> wrote:
>
> I've added the RICHTX32.OCX question and answer to this group's FAQ at
> http://www.gmskdvnode.info/
>
> I don't think the G4KLX software requires RICHTX32.OCX, but some of the
> DUTCH*Star programs in NATools do. NATools uses Visual Basic and needs that
> module. Until recently, Microsoft automatically installed the VB runtime
> library when Windows was installed. With recent versions of Windows, they
> have stopped that, and you need to get the missing library, or in this case,
> .OCX file, yourself. The solution for RICHTX32.OCX is at:
> http://angrybyte.com/windows-hacks/richtx32-ocx-for-64-bit-windows-7-vista/
> .
>
> Regarding the GMSKRepeater question -- What happens that makes you say you
> cannot edit Preferences for GMSKRepeater? With GMSKRepeater running in GUI
> mode (not daemon mode), when you go to the menu bar and select Edit, can you
> then select Preferences?
>
> If yes, what happens next?
>
> Jim - K6JM
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of jorgenbodholdt
> Sent: Tuesday, July 02, 2013 12:04 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] edit Preferences and missing 'Richtx32.ocx file
> Can not edit Preferences GMSK Repeater.
> And missing 'Richtx32.ocx file
>
> I run win7
>

Thanks for the help

Jorgen

10281. Registration

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-08 10:17:53 UTC
From: Jeremy J Barbouttis
Topic: 6799 Message: 10281

I am already registered on the D-Star system, so I decided to add the id's for my hotspot node and gateway.

I followed the instructions and added H and N accordingly, as recommended in the setup instructions for setting up a node.

At first I got an error, and then when I tried again, it said the information had already been added. However, when I reload the page, the added id's are missing.

Not sure whether I have done it or not??

Thanks

Jeremy

10282. Re: [gmsk_dv_node] GMSK Boards - Which one?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-08 11:51:52 UTC
From: Jeremy J Barbouttis
Topic: 10237 Message: 10282

Hi Jim,

I am having trouble working out the easiest route to loading the required software onto my raspberry pi.

I am realising I work out where to download the WinDV software on the dutch-star site, and the Jonathan software appears to require complicated processing.

I wonder if there is an easy image I can download and move to the Raspbery pi disk using my mac?

Any help is useful.

Many thanks,

Jeremy
VK2MJM

On 23/06/2013, at 5:06 AM, Jeremy J Barbouttis <vk2mjm@...> wrote:

> Hi Jim,
>
>
> Thank you for this info and link - much appreciated!
>
>
> Jeremy
> VK2MJM
>
> On 23/06/2013, at 4:53 AM, "J. M. Moen" <jim@...> wrote:
>
>> All of the boards handle D-Star’s GMSK digital voice, but the boards do not provide any linking or networking services.
>>
>>
>> Those services are provided by the pc software. The main applications we use for homebrew Hotspots and Repeaters are:
>>
>> · DVAR Hotspot by Mark KB9KHM – DPlus linking. Windows.
>>
>> · WinDV by Fred PA4YBR – DPlus, DExtra, DCS linking. Also allows setup of an ircDDB gateway for callsign routing. Currently Windows.
>>
>> · GMSKRepeater + ircDDBGateway by Jonathon G4KLX – all of the above. Windows and Linux.
>>
>> · FreeStar by Scott KI4LKF and Ramesh VA3UV. (I haven’t yet used, but I think it also supports what WinDV and G4KLX do, on both Windows and Linux.)

>>
>>
>> Note also that the German board has its own pc software, but the board also works with G4KLX software. So the board choice will not limit what you can do, rather the software application choice determines what your system will be able to do.
>>
>> Jim – K6JM
>>
>> PS For an overview of setting up a Hotspot or homebrew Repeater, check “Building a D-Star Compatible Hotspot” at http://www.k6jm.com/hs-setup.htm .
>>
>>
>>
>> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeremy J Barbouttis
>> Sent: Saturday, June 22, 2013 3:15 AM
>> To: gmsk_dv_node@yahoogroups.com
>> Subject: Re: [gmsk_dv_node] GMSK Boards - Which one?
>>
>> Thank you all for your replies - very helpful.
>>
>> Apart from support, which I agree is very important, what I don't understand is if there is any difference between the boards regarding uses.
>>
>>
>> I understand there are at least three D-Star networks, and I am not wanting to choose a board that excludes me from any of them.
>>
>>
>> I have only used DPlus, but if there are two other networks, I am wanting to ensure I can access them with the board I get.
>>
>>
>> Or, maybe the boards, DVRPTR or Moenem Star Board, are essentially the same?
>>
>>
>> I look forward to your replies.
>>
>>
>> Many thanks
>>
>>
>> Jeremy
>>
>> VK2MJM
>>
>>
>>
>>
>>
>>

>> On 22/06/2013, at 6:45 AM, Tim Tucker <tuckert@email.com> wrote:
>>
>>
>>
>>
>> I purchased a MoenComm board and have had nothing but great support from them getting everything running. I am considering buying another for another hotspot or homebrew repeater.
>>
>> Tim
>>
>> On Fri, Jun 21, 2013 at 12:37 PM, Fran Miele <fran@...> wrote:
>>
>>
>> I would buy the DVRPTR V1. http://www.dvrptr.net/
>>
>> --Fran
>>
>>
>>
>>
>>
>>
>> IMPORTANT: The contents of this email and any attachments are confidential. They are intended for the named recipient(s) only. If you have received this email by mistake, please notify the sender immediately and do not disclose the contents to anyone or make copies thereof.
>>
>>
>> On Fri, Jun 21, 2013 at 3:23 PM, Jeremy J Barbouttis <vk2mjm@...> wrote:
>>
>>
>> Hi All,
>>
>>
>>
>> New to this list group, so not sure how it works…but hear goes…
>>
>>
>>
>> Research seems to suggest there are three GMSK boards that I have come across-
>>
>>
>> Dutch Star Mini Hotspot
>>
>>
>> Moenem Star Board
>>
>>
>> DVRPTR_V

>>
>>
>> I realise that at least two of them use Dutch Star? I think?
>>
>>
>> Which is 'better'? Or do they all do the same thing?
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>> Thanks
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>>
>> Jeremy
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>> VK2MJM
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10283. Re: [gmsk_dv_node] GMSK Boards - Which one?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-08 12:24:44 UTC
From: Dave-KB1PVH
Topic: 10237 Message: 10283

Jeremy,

Try the GMSK image from here http://westerndstar.co.uk/html/downloads.html

Dave-KB1PVH

Sent from my Verizon Wireless 4G LTE DROID

Jeremy J Barbouttis <vk2mjm@icloud.com> wrote:

>
>
>Hi Jim,
>
>
>
>I am having trouble working out the easiest route to loading the required software onto my raspberry pi.
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><!-- #ygrp-mkp { border: 1px solid #d8d8d8; font-family: Arial; margin: 10px 0; padding: 0 10px; } #ygrp-mkp hr { border: 1px solid #d8d8d8; } #ygrp-mkp #hd { color: #628c2a; font-size: 85%; font-weight: 700; line-height: 122%; margin: 10px 0; } #ygrp-mkp #ads { margin-bottom: 10px; } #ygrp-mkp .ad { padding: 0 0; } #ygrp-mkp .ad p { margin: 0; } #ygrp-mkp .ad a { color: #0000ff; text-decoration: none; } #ygrp-sponsor #ygrp-lc { font-family: Arial; } #ygrp-sponsor #ygrp-lc #hd { margin: 10px 0px; font-weight: 700; font-size: 78%; line-height: 122%; } #ygrp-sponsor #ygrp-lc .ad { margin-bottom: 10px; padding: 0 0; } #actions { font-family: Verdana; font-size: 11px; padding: 10px 0; } #activity { background-color: #e0ecee; float: left; font-family: Verdana; font-size: 10px; padding: 10px; } #activity span { font-weight: 700; } #activity span:first-child { text-transform: uppercase; } #activity span a { color: #5085b6; text-decoration: none; } #activity span span { color: #ff7900; } #activity span .underline { text-decoration: underline; } .attach { clear: both; display: table; font-family: Arial; font-size: 12px; padding: 10px 0; width: 400px; } .attach div a { text-decoration: none; } .attach img { border: none; padding-right: 5px; } .attach label { display: block; margin-bottom: 5px; } .attach label a { text-decoration: none; } blockquote { margin: 0 0 0 4px; } .bold { font-family: Arial; font-size: 13px; font-weight: 700; } .bold a { text-decoration: none; } dd.last p a { font-family: Verdana; font-weight: 700; } dd.last p span { margin-right: 10px; font-family: Verdana; font-weight: 700; } dd.last p span.yshortcuts { margin-right: 0; } div.attach-table div div a { text-decoration: none; } div.attach-table { width: 400px; } div.file-title a, div.file-title a:active, div.file-title a:hover, div.file-title a:visited { text-decoration: none; } div.photo-title a, div.photo-title a:active, div.photo-title a:hover, div.photo-title a:visited { text-decoration: none; } div#ygrp-mlmsg #ygrp-msg p a span.yshortcuts { font-family: Verdana; font-size: 10px; font-weight: normal; } .green { color: #628c2a; } .MsoNormal { margin: 0 0 0 0; } o { font-size: 0; } #photos div { float: left; width: 72px; } #photos div div { border: 1px solid #666666; height: 62px; overflow: hidden; width: 62px; } #photos div label { color: #666666; font-size: 10px; overflow: hidden; text-align: center; white-space: nowrap; width: 64px; } #reco-category { font-size: 77%; } #reco-desc { font-size: 77%; } .replbq { margin: 4px; } #ygrp-actbar div a:first-child { /* border-right: 0px solid #000;*/ margin-right: 2px; padding-right: 5px; } #ygrp-mlmsg { font-size: 13px; font-family: Arial, helvetica,clean, sans-serif; *font-size: small; *font: x-small; } #ygrp-mlmsg table { font-size: inherit; font: 100%; } #ygrp-mlmsg select, input, textarea { font: 99% Arial, Helvetica, clean, sans-serif; } #ygrp-mlmsg pre, code { font:115% monospace; *font-size:100%; } #ygrp-mlmsg * { line-height: 1.22em; } #ygrp-mlmsg #logo {

padding-bottom: 10px; } #ygrp-msg p a { font-family: Verdana; } #ygrp-msg p#attach-count span { color: #1E66AE; font-weight: 700; } #ygrp-reco #reco-head { color: #ff7900; font-weight: 700; } #ygrp-reco { margin-bottom: 20px; padding: 0px; } #ygrp-sponsor #ov li a { font-size: 130%; text-decoration: none; } #ygrp-sponsor #ov li { font-size: 77%; list-style-type: square; padding: 6px 0; } #ygrp-sponsor #ov ul { margin: 0; padding: 0 0 0 8px; } #ygrp-text { font-family: Georgia; } #ygrp-text p { margin: 0 0 1em 0; } #ygrp-text tt { font-size: 120%; } #ygrp-vital ul li:last-child { border-right: none !important; } -->

10284. Using my 2820 and GMSK as a hotspot and am unable to transmit with my31

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-08 12:48:25 UTC
From: Daniel
Topic: 10284 Message: 10284

Hi,

I have been using my Moen GMSK flawlessly for over a year with my ICOM 7000. Recently, I bought another 2820 and wanted to replace the 7000. Did not change any settings in 2820 nor the Icom 31, but I am able to receive, transmit from my HT to the 2820 but the DVAR Hotspot software does not receive my transmissions.

Any ideas?

Thanks in advance,

73,

Daniel Codianni
KD2ALV
HK3DC

10285. RE: [gmsk_dv_node] Using my 2820 and GMSK as a hotspot and am unable to transmit with my31

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-08 12:53:28 UTC
From: Fred PA4YBR
Topic: 10284 Message: 10285

You most likely will have to change the board's RX Invert and/or TX Invert settings, as this varies by radio model(-design) and since you changed radios....

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Daniel
Sent: Monday, July 08, 2013 2:48 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Using my 2820 and GMSK as a hotspot and am unable to transmit with my31

Hi,

I have been using my Moen GMSK flawlessly for over a year with my ICOM 7000. Recently, I bought another 2820 and wanted to replace the 7000. Did not change any settings in 2820 nor the Icom 31, but I am able to receive, transmit from my HT to the 2820 but the DVAR Hotspot software does not receive my transmissions.

Any ideas?

Thanks in advance,

73,

Daniel Codianni
KD2ALV
HK3DC

10286. Re: Using my 2820 and GMSK as a hotspot and am unable to transmit with my31

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-08 13:00:30 UTC
From: jorgenbodholdt
Topic: 10284 Message: 10286

I'm sorry, I must also ask omnoget
I have a radio that only works if we put AutoPolarity and RX Inveert
Do you do that?

Jørgen

--- In gmsk_dv_node@yahoogroups.com, "Fred PA4YBR" <fred@...> wrote:
>
> You most likely will have to change the board's RX Invert and/or TX Invert
> settings, as this varies by radio model(-design) and since you changed
> radios....
>
> --fred
>
> _____
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of Daniel
> Sent: Monday, July 08, 2013 2:48 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Using my 2820 and GMSK as a hotspot and am unable to
> transmit with my31
>
>
>
>
> Hi,
>
> I have been using my Moen GMSK flawlessly for over a year with my ICOM 7000.
> Recently, I bought another 2820 and wanted to replace the 7000. Did not
> change any settings in 2820 nor the Icom 31, but I am able to receive,
> transmit from my HT to the 2820 but the DVAR Hotspot software does not
> receive my transmissions.
>
> Any ideas?
>
> Thanks in advance,
>
> 73,
>
> Daniel Codianni
> KD2ALV
> HK3DC
>

10287. Re: Registration

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-08 16:40:13 UTC
From: John
Topic: 6799 Message: 10287

These reports should always include the callsign in question.

Try http://query.ke5bms.com/

--- In gmsk_dv_node@yahoogroups.com, Jeremy J Barbouttis <vk2mjm@...> wrote:
>
> I am already registered on the D-Star system, so I decided to add the id's for my hotspot node and gateway.
>
> I followed the instructions and added H and N accordingly, as recommended in the setup instructions for setting up a node.
>
> At first I got an error, and then when I tried again, it said the information had already been added. However, when I reload the page, the added id's are missing.
>
> Not sure whether I have done it or not??
>
> Thanks
>
> Jeremy
>

10288. RE: [gmsk_dv_node] Registration

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-08 17:10:10 UTC
From: J. M. Moen
Topic: 6799 Message: 10288

Jeremy,

Your email address suggests your call is VK2MJM. Checking http://dstar.info/query.html for that call, I see you have 4 terminals set up so far: blank suffix, B, N and P. So N is already there. I'd try to add H again. Let us know the exact error message if you get one this time.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeremy J Barbouttis
Sent: Monday, July 08, 2013 3:18 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Registration
I am already registered on the D-Star system, so I decided to add the id's for my hotspot node and gateway.

I followed the instructions and added H and N accordingly, as recommended in the setup instructions for setting up a node.

At first I got an error, and then when I tried again, it said the information had already been added. However, when I reload the page, the added id's are missing.

Not sure whether I have done it or not??

Thanks

Jeremy

10289. RE: [gmsk_dv_node] GMSK Boards - Which one?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-08 17:12:30 UTC
From: J. M. Moen
Topic: 10237 Message: 10289

Jeremy,

I agree with Dave’s recommendation. I have some installation notes I’ll send you directly.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Dave-KB1PVH
Sent: Monday, July 08, 2013 5:25 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] GMSK Boards - Which one?

Jeremy,

Try the GMSK image from here http://westerndstar.co.uk/html/downloads.html

Dave-KB1PVH

Sent from my Verizon Wireless 4G LTE DROID

Jeremy J Barbouttis <vk2mjm@...> wrote:
Hi Jim,

I am having trouble working out the easiest route to loading the required software onto my raspberry pi.

I am realising I work out where to download the WinDV software on the dutch-star site, and the Jonathan software appears to require complicated processing.

I wonder if there is an easy image I can download and move to the Raspbery pi disk using my mac?

Any help is useful.

Many thanks,

Jeremy
VK2MJM

10290. RE: [gmsk_dv_node] Re: Registration

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-08 17:36:43 UTC
From: Fred PA4YBR
Topic: 6799 Message: 10290

VK2MJM, as in his email address, maybe?

--fred (that'd be PA4YBR)

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of John
Sent: Monday, July 08, 2013 6:40 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Registration

These reports should always include the callsign in question.

Try http://query.ke5bms.com/

--- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
, Jeremy J Barbouttis <vk2mjm@...> wrote:
>
> I am already registered on the D-Star system, so I decided to add the id's for my hotspot node and gateway.
>
> I followed the instructions and added H and N accordingly, as recommended in the setup instructions for setting up a node.
>
> At first I got an error, and then when I tried again, it said the information had already been added. However, when I reload the page, the added id's are missing.
>
> Not sure whether I have done it or not??
>
> Thanks
>
> Jeremy
>

10291. Re: [gmsk_dv_node] Registration

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-08 17:45:29 UTC
From: Jeremy J Barbouttis
Topic: 6799 Message: 10291

Hi Jim,

Thank you for this info.

This is different to the registration site to the one I was using, and it still don't show up there!

Kind regards,

Jeremy

On 09/07/2013, at 3:10 AM, "J. M. Moen" <jim@...> wrote:

> Jeremy,
>
> Your email address suggests your call is VK2MJM. Checking http://dstar.info/query.html for that call, I see you have 4 terminals set up so far: blank suffix, B, N and P. So N is already there. I'd try to add H again. Let us know the exact error message if you get one this time.
>
> Jim – K6JM
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeremy J Barbouttis
> Sent: Monday, July 08, 2013 3:18 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Registration
>
> I am already registered on the D-Star system, so I decided to add the id's for my hotspot node and gateway.
>
> I followed the instructions and added H and N accordingly, as recommended in the setup instructions for setting up a node.
>
> At first I got an error, and then when I tried again, it said the information had already been added. However, when I reload the page, the added id's are missing.
>
> Not sure whether I have done it or not??
>
> Thanks
>
> Jeremy
>
>
>

10292. Re: [gmsk_dv_node] Registration

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-08 17:54:02 UTC
From: Jeremy J Barbouttis
Topic: 6799 Message: 10292

Hi Jim,

I tried adding another entry using H and got this error:

Fatal Error!

operation: Personal Information Update.

reason: (#592) Cannot create BIND File.

Retry later and if this error still unsolved, please contact your GW administrator for more information.

Regards,

Jeremy
VK2MJM

On 09/07/2013, at 3:10 AM, "J. M. Moen" <jim@...> wrote:

> Jeremy,
>
> Your email address suggests your call is VK2MJM. Checking http://dstar.info/query.html for that call, I see you have 4 terminals set up so far: blank suffix, B, N and P. So N is already there. I'd try to add H again. Let us know the exact error message if you get one this time.
>
> Jim – K6JM
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeremy J Barbouttis
> Sent: Monday, July 08, 2013 3:18 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Registration
>
> I am already registered on the D-Star system, so I decided to add the id's for my hotspot node and gateway.
>
> I followed the instructions and added H and N accordingly, as recommended in the setup instructions for setting up a node.
>
> At first I got an error, and then when I tried again, it said the information had already been added. However, when I reload the page, the added id's are missing.
>
> Not sure whether I have done it or not??
>
> Thanks

>
> Jeremy
>
>
>

10293. Re: [gmsk_dv_node] Registration

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-08 17:56:45 UTC
From: Jeremy J Barbouttis
Topic: 6799 Message: 10293

…but still appears on this query site:

http://dstar.info/query.html

Regards,

Jeremy

VK2MJM

On 09/07/2013, at 3:54 AM, Jeremy J Barbouttis <vk2mjm@...> wrote:

>> http://dstar.info/query.html
>>

10294. Re: [gmsk_dv_node] GMSK Boards - Which one?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-08 17:59:29 UTC
From: Jeremy J Barbouttis
Topic: 10237 Message: 10294

Hi Jim.

That will be really helpful.

Many thanks,

Jeremy
VK2MJM

On 09/07/2013, at 3:12 AM, "J. M. Moen" <jim@...> wrote:

> Jeremy,
>
> I agree with Dave’s recommendation. I have some installation notes I’ll send you directly.
>
> Jim – K6JM
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Dave-KB1PVH
> Sent: Monday, July 08, 2013 5:25 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: Re: [gmsk_dv_node] GMSK Boards - Which one?
>
>
> Jeremy,
>
>
> Try the GMSK image from here http://westerndstar.co.uk/html/downloads.html
>
>
> Dave-KB1PVH
>
>
> Sent from my Verizon Wireless 4G LTE DROID
>
>
> Jeremy J Barbouttis <vk2mjm@...> wrote:
> Hi Jim,
>
>
> I am having trouble working out the easiest route to loading the required software onto my raspberry pi.
>
>
> I am realising I work out where to download the WinDV software on the dutch-star site,

and the Jonathan software appears to require complicated processing.
>
>
> I wonder if there is an easy image I can download and move to the Raspbery pi disk using my mac?
>
>
> Any help is useful.
>
>
> Many thanks,
>
>
> Jeremy
>
> VK2MJM
>
>
>

10295. RE: [gmsk_dv_node] Registration

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-08 18:28:39 UTC
From: J. M. Moen
Topic: 6799 Message: 10295

Checking your registered terminals --

There are at least four sites that get copies of the G2 database and support queries. Updates to a specific Gateway take a while to be propagated out on the network, so any recent changes may not be shown for a while on any or all of these.
* http://query.ki4swy.org/index.php
* http://dstar.info/query.html
* http://www.dutch-star.eu/network/index.aspx (need to be logged on, go to G2 Check)
* https://wb1gof.dstargateway.org/cgi-bin/dstar-regcheck

Jim - K6JM
From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeremy J Barbouttis
Sent: Monday, July 08, 2013 10:45 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Registration
Hi Jim,
Thank you for this info.

This is different to the registration site to the one I was using, and it still don't show up there!

Kind regards,

Jeremy

On 09/07/2013, at 3:10 AM, "J. M. Moen" <jim@...> wrote:
Jeremy,
Your email address suggests your call is VK2MJM. Checking http://dstar.info/query.html for that call, I see you have 4 terminals set up so far: blank suffix, B, N and P. So N is already there. I'd try to add H again. Let us know the exact error message if you get one this time.
Jim - K6JM
From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeremy J Barbouttis
Sent: Monday, July 08, 2013 3:18 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Registration
I am already registered on the D-Star system, so I decided to add the id's for my hotspot node and gateway.

I followed the instructions and added H and N accordingly, as recommended in the setup instructions for setting up a node.

At first I got an error, and then when I tried again, it said the information had already been added. However, when I reload the page, the added id's are missing.

Not sure whether I have done it or not??

Thanks

Jeremy

10296. RE: [gmsk_dv_node] Using my 2820 and GMSK as a hotspot and am unable to transmit with my31

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-08 18:39:17 UTC
From: J. M. Moen
Topic: 10284 Message: 10296

Fred nailed it.

For more info, please check this group's FAQ at http://www.gmskdvnode.info/
.

In particular, check out questions 6 and 7. Be sure to test using
NAWinTEST, then use NAWinCFG to change the Invert setting and test again.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of Fred PA4YBR
Sent: Monday, July 08, 2013 5:53 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Using my 2820 and GMSK as a hotspot and am
unable to transmit with my31

You most likely will have to change the board's RX Invert and/or TX Invert
settings, as this varies by radio model(-design) and since you changed
radios....

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of Daniel
Sent: Monday, July 08, 2013 2:48 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Using my 2820 and GMSK as a hotspot and am unable to
transmit with my31
Hi,

I have been using my Moen GMSK flawlessly for over a year with my ICOM 7000.
Recently, I bought another 2820 and wanted to replace the 7000. Did not
change any settings in 2820 nor the Icom 31, but I am able to receive,
transmit from my HT to the 2820 but the DVAR Hotspot software does not
receive my transmissions.

Any ideas?

Thanks in advance,

73,

Daniel Codianni
KD2ALV
HK3DC

10297. RE: [gmsk_dv_node] Registration

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-08 21:38:07 UTC
From: Robert Alford
Topic: 6799 Message: 10297

Hi Jeremy,

I too have had problems with adding or modifying listing for D Star via the Terry Hills D Star site VK2RWN.

The changers or additions are not showing up on this registration site but can be seen on other listing as Jim has listed. May be there is an issue with this site? I also have another call sign and have used this to set up via the Maddens Plains DStar site and no problems with inputting listing data.

I am working on a Hot Spot for the Orange area in NSW. At this time I am learning and trying to get a DV Dongle to work. Have a lot of R2D2 noise when connected to a D Star site when this is traffic.

Robert Vk2ZRJ / VK2KH

Orange NSW Australia

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeremy J Barbouttis
Sent: Monday, 8 July 2013 8:18 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Registration

I am already registered on the D-Star system, so I decided to add the id's for my hotspot node and gateway.

I followed the instructions and added H and N accordingly, as recommended in the setup instructions for setting up a node.

At first I got an error, and then when I tried again, it said the information had already been added. However, when I reload the page, the added id's are missing.

Not sure whether I have done it or not??

Thanks

Jeremy

10298. Re: [gmsk_dv_node] GMSK Boards - Which one?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-08 22:29:38 UTC
From: David
Topic: 10237 Message: 10298

I too I'm getting started with raspberry pi and dvap would you please forward help file to me also. Thank you so much in advance

David KB5EDB

Sent from my iPhone

On Jul 8, 2013, at 12:59 PM, Jeremy J Barbouttis <vk2mjm@icloud.com> wrote:

> Hi Jim.
>
>
>
> That will be really helpful.
>
>
> Many thanks,
>
>
> Jeremy
> VK2MJM
>
>
> On 09/07/2013, at 3:12 AM, "J. M. Moen" <jim@...> wrote:
>
>>
>> Jeremy,
>>
>> I agree with Dave’s recommendation. I have some installation notes I’ll send you directly.
>>
>> Jim – K6JM
>>
>> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Dave-KB1PVH
>> Sent: Monday, July 08, 2013 5:25 AM
>> To: gmsk_dv_node@yahoogroups.com
>> Subject: Re: [gmsk_dv_node] GMSK Boards - Which one?
>>
>>
>> Jeremy,
>>
>>
>> Try the GMSK image from here http://westerndstar.co.uk/html/downloads.html
>>
>>

>> Dave-KB1PVH
>>
>>
>> Sent from my Verizon Wireless 4G LTE DROID
>>
>>
>> Jeremy J Barbouttis <vk2mjm@...> wrote:
>> Hi Jim,
>>
>>
>> I am having trouble working out the easiest route to loading the required software onto my raspberry pi.
>>
>>
>> I am realising I work out where to download the WinDV software on the dutch-star site, and the Jonathan software appears to require complicated processing.
>>
>>
>> I wonder if there is an easy image I can download and move to the Raspbery pi disk using my mac?
>>
>>
>> Any help is useful.
>>
>>
>> Many thanks,
>>
>>
>> Jeremy
>>
>> VK2MJM
>>
>
>

10299. DSTAR Hotspot with Android miniPC

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-10 12:44:37 UTC
From: iz5rls
Topic: 10299 Message: 10299

I would like to evauate the possibility to use an Android based miniPC to drive a DSTAR hotspot instead of using a full featured PC.
In order to understand the feasibility of this project I need a couple of info:
- what is the most recommended GMSK interface to use (USB support preferred, but need USB protocol specs to write the Android USB driver.)

- where can I get the C or C++ source code of the PC based Hotspot SW ? I would like to attempt a porting to Java instead of havng to develop a native application.

Any suggestion, direction, comments will be much welcomed !

10300. Node adapter still not detected after firmware update

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-10 12:52:27 UTC
From: Jeremy J Barbouttis
Topic: 10300 Message: 10300

I am trying to set up my GMSK board and found the software from the ☐Dutch Star website to configure, and update firmware - NAWinCFG.

I have updated the firmware twice with success, but NAWinCFG still does not recognise the board, so I cannot configure it.

I am running XP and downloaded the addition thingy and installed it as per the instructions.

So, I am a stumped as to what to do now?

Thanks

Jeremy

VK2MJM

10301. RE: [gmsk_dv_node] Node adapter still not detected after firmware update

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-10 16:14:56 UTC
From: Fred PA4YBR
Topic: 10300 Message: 10301

When the board is powered up, does it show one (blue) or two (blue + green) LEDs lit?

In the latter case... remove the jumper that forces it to UPDATE mode...

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeremy J Barbouttis
Sent: Wednesday, July 10, 2013 2:52 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Node adapter still not detected after firmware update

I am trying to set up my GMSK board and found the software from the Dutch Star website to configure, and update firmware - NAWinCFG.

I have updated the firmware twice with success, but NAWinCFG still does not recognise the board, so I cannot configure it.

I am running XP and downloaded the addition thingy and installed it as per the instructions.

So, I am a stumped as to what to do now?

Thanks

Jeremy

VK2MJM

10302. RE: [gmsk_dv_node] DSTAR Hotspot with Android miniPC

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-10 16:15:26 UTC
From: Fred PA4YBR
Topic: 10299 Message: 10302

I just sent you an off-list reply ....

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of iz5rls
Sent: Wednesday, July 10, 2013 2:45 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] DSTAR Hotspot with Android miniPC

I would like to evauate the possibility to use an Android based miniPC to drive a DSTAR hotspot instead of using a full featured PC.
In order to understand the feasibility of this project I need a couple of info:
- what is the most recommended GMSK interface to use (USB support preferred, but need USB protocol specs to write the Android USB driver.)

- where can I get the C or C++ source code of the PC based Hotspot SW ? I would like to attempt a porting to Java instead of havng to develop a native application.

Any suggestion, direction, comments will be much welcomed !

10303. RE: [gmsk_dv_node] DSTAR Hotspot with Android miniPC

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-10 16:43:58 UTC
From: J. M. Moen
Topic: 10299 Message: 10303

This is a very timely question and reveals how much creative activity is going on in the D-Star world.

There are lots of posts on the internet about how to load and run Linux under Android on a smartphone. What's nice is that Android is still under control, but you have a full Linux available for running apps. I've seen a YouTube video doing this running a D-Star app - can't find it right now but a link was first posted on one of the PAPA System's D-Star forums. An "On the Go" cable brings USB out of the phone for connection to a GMSK Modem.

There are rumors various developers are working on Android versions of their D-Star apps, so if you are patient, it will become even easier in the future to use your Android phone or tablet for controlling your hotspot.

If you can't wait for native Android apps and are an Android developer, the G4KLX programs are open source and can be found at http://opendv.berlios.de/ . You'd want to focus on two programs: GMSKRepeater from the Repeater group of programs, and ircDDBGateway.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of iz5rls
Sent: Wednesday, July 10, 2013 5:45 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] DSTAR Hotspot with Android miniPC
I would like to evauate the possibility to use an Android based miniPC to drive a DSTAR hotspot instead of using a full featured PC.
In order to understand the feasibility of this project I need a couple of info:
- what is the most recommended GMSK interface to use (USB support preferred, but need USB protocol specs to write the Android USB driver.)

- where can I get the C or C++ source code of the PC based Hotspot SW ? I would like to attempt a porting to Java instead of havng to develop a native application.

Any suggestion, direction, comments will be much welcomed !

10304. Re: [gmsk_dv_node] Node adapter still not detected after firmware update

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-10 16:54:04 UTC
From: Jeremy J Barbouttis
Topic: 10300 Message: 10304

Hi Fred,

It only shows one green light.

Kind regards,

Jeremy
VK2MJM□

On Jul 11, 2013, at 02:14 AM, Fred PA4YBR <fred@...> wrote:

> When the board is powered up, does it show one (blue) or two (blue + green) LEDs lit?
>
> In the latter case... remove the jumper that forces it to UPDATE mode...
>
> --fred
>
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeremy J Barbouttis
> Sent: Wednesday, July 10, 2013 2:52 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Node adapter still not detected after firmware update
>
>
> I am trying to set up my GMSK board and found the software from the Dutch Star website to configure, and update firmware - NAWinCFG.
>
> I have updated the firmware twice with success, but NAWinCFG still does not recognise the board, so I cannot configure it.
>
> I am running XP and downloaded the addition thingy and installed it as per the instructions.
>
> So, I am a stumped as to what to do now?
>
>
> Thanks
>
> Jeremy
>
> VK2MJM
>

10305. RE: [gmsk_dv_node] DSTAR Hotspot with Android miniPC

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-10 17:32:26 UTC
From: Ken Boyle
Topic: 10299 Message: 10305

Lookup kc2idb on YouTube

73,
Ken
KC2IDB

"J. M. Moen" <jim@k6jm.com> wrote:

>
>
>This is a very timely question and reveals how much creative activity is going on in the D-Star world.
>
>There are lots of posts on the internet about how to load and run Linux under Android on a smartphone. What's nice is that Android is still under control, but you have a full Linux available for running apps. I've seen a YouTube video doing this running a D-Star app – can't find it right now but a link was first posted on one of the PAPA System's D-Star forums. An "On the Go" cable brings USB out of the phone for connection to a GMSK Modem.
>
>There are rumors various developers are working on Android versions of their D-Star apps, so if you are patient, it will become even easier in the future to use your Android phone or tablet for controlling your hotspot.
>
>If you can't wait for native Android apps and are an Android developer, the G4KLX programs are open source and can be found at http://opendv.berlios.de/ . You'd want to focus on two programs: GMSKRepeater from the Repeater group of programs, and ircDDBGateway.
>
> Jim – K6JM
>
>From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of iz5rls
>Sent: Wednesday, July 10, 2013 5:45 AM
>To: gmsk_dv_node@yahoogroups.com
>Subject: [gmsk_dv_node] DSTAR Hotspot with Android miniPC
>
>I would like to evauate the possibility to use an Android based miniPC to drive a DSTAR hotspot instead of using a full featured PC.
>In order to understand the feasibility of this project I need a couple of info:
>- what is the most recommended GMSK interface to use (USB support preferred, but need USB protocol specs to write the Android USB driver.)
>
>- where can I get the C or C++ source code of the PC based Hotspot SW ? I would like to attempt a porting to Java instead of havng to develop a native application.
>
>Any suggestion, direction, comments will be much welcomed !
>

>
>
><!-- #ygrp-mkp { border: 1px solid #d8d8d8; font-family: Arial; margin: 10px 0; padding: 0 10px; } #ygrp-mkp hr { border: 1px solid #d8d8d8; } #ygrp-mkp #hd { color: #628c2a; font-size: 85%; font-weight: 700; line-height: 122%; margin: 10px 0; } #ygrp-mkp #ads { margin-bottom: 10px; } #ygrp-mkp .ad { padding: 0 0; } #ygrp-mkp .ad p { margin: 0; } #ygrp-mkp .ad a { color: #0000ff; text-decoration: none; } #ygrp-sponsor #ygrp-lc { font-family: Arial; } #ygrp-sponsor #ygrp-lc #hd { margin: 10px 0px; font-weight: 700; font-size: 78%; line-height: 122%; } #ygrp-sponsor #ygrp-lc .ad { margin-bottom: 10px; padding: 0 0; } #actions { font-family: Verdana; font-size: 11px; padding: 10px 0; } #activity { background-color: #e0ecee; float: left; font-family: Verdana; font-size: 10px; padding: 10px; } #activity span { font-weight: 700; } #activity span:first-child { text-transform: uppercase; } #activity span a { color: #5085b6; text-decoration: none; } #activity span span { color: #ff7900; } #activity span .underline { text-decoration: underline; } .attach { clear: both; display: table; font-family: Arial; font-size: 12px; padding: 10px 0; width: 400px; } .attach div a { text-decoration: none; } .attach img { border: none; padding-right: 5px; } .attach label { display: block; margin-bottom: 5px; } .attach label a { text-decoration: none; } blockquote { margin: 0 0 0 4px; } .bold { font-family: Arial; font-size: 13px; font-weight: 700; } .bold a { text-decoration: none; } dd.last p a { font-family: Verdana; font-weight: 700; } dd.last p span { margin-right: 10px; font-family: Verdana; font-weight: 700; } dd.last p span.yshortcuts { margin-right: 0; } div.attach-table div div a { text-decoration: none; } div.attach-table { width: 400px; } div.file-title a, div.file-title a:active, div.file-title a:hover, div.file-title a:visited { text-decoration: none; } div.photo-title a, div.photo-title a:active, div.photo-title a:hover, div.photo-title a:visited { text-decoration: none; } div#ygrp-mlmsg #ygrp-msg p a span.yshortcuts { font-family: Verdana; font-size: 10px; font-weight: normal; } .green { color: #628c2a; } .MsoNormal { margin: 0 0 0 0; } o { font-size: 0; } #photos div { float: left; width: 72px; } #photos div div { border: 1px solid #666666; height: 62px; overflow: hidden; width: 62px; } #photos div label { color: #666666; font-size: 10px; overflow: hidden; text-align: center; white-space: nowrap; width: 64px; } #reco-category { font-size: 77%; } #reco-desc { font-size: 77%; } .replbq { margin: 4px; } #ygrp-actbar div a:first-child { /* border-right: 0px solid #000;*/ margin-right: 2px; padding-right: 5px; } #ygrp-mlmsg { font-size: 13px; font-family: Arial, helvetica,clean, sans-serif; *font-size: small; *font: x-small; } #ygrp-mlmsg table { font-size: inherit; font: 100%; } #ygrp-mlmsg select, input, textarea { font: 99% Arial, Helvetica, clean, sans-serif; } #ygrp-mlmsg pre, code { font:115% monospace; *font-size:100%; } #ygrp-mlmsg * { line-height: 1.22em; } #ygrp-mlmsg #logo { padding-bottom: 10px; } #ygrp-msg p a { font-family: Verdana; } #ygrp-msg p#attach-count span { color: #1E66AE; font-weight: 700; } #ygrp-reco #reco-head { color: #ff7900; font-weight: 700; } #ygrp-reco { margin-bottom: 20px; padding: 0px; } #ygrp-sponsor #ov li a { font-size: 130%; text-decoration: none; } #ygrp-sponsor #ov li { font-size: 77%; list-style-type: square; padding: 6px 0; } #ygrp-sponsor #ov ul { margin: 0; padding: 0 0 0 8px; } #ygrp-text { font-family: Georgia; } #ygrp-text p { margin: 0 0 1em 0; } #ygrp-text tt { font-size: 120%; } #ygrp-vital ul li:last-child { border-right: none !important; } -->

10306. RE: [gmsk_dv_node] Node adapter still not detected after firmware update

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-10 17:47:40 UTC
From: Fred PA4YBR
Topic: 10300 Message: 10306

Hi,

I dont know exactly how that board behaves, but it does sound like
the UPDATE jumper is still "on" ... Jim?

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of Jeremy J Barbouttis
Sent: Wednesday, July 10, 2013 6:54 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Node adapter still not detected after firmware
update

Hi Fred,

It only shows one green light.

Kind regards,

Jeremy
VK2MJM

On Jul 11, 2013, at 02:14 AM, Fred PA4YBR <fred@...> wrote:

When the board is powered up, does it show one (blue) or two (blue + green)
LEDs lit?

In the latter case... remove the jumper that forces it to UPDATE mode...

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of Jeremy J Barbouttis
Sent: Wednesday, July 10, 2013 2:52 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Node adapter still not detected after firmware
update

I am trying to set up my GMSK board and found the software from the Dutch
Star website to configure, and update firmware - NAWinCFG.

I have updated the firmware twice with success, but NAWinCFG still does not recognise the board, so I cannot configure it.

I am running XP and downloaded the addition thingy and installed it as per the instructions.

So, I am a stumped as to what to do now?

Thanks

Jeremy

VK2MJM

10307. RE: [gmsk_dv_node] DSTAR Hotspot with Android miniPC

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-10 17:58:57 UTC
From: J. M. Moen
Topic: 10299 Message: 10307

Thanks Ken for the info and for the great video. This is an excellent video and way cool.

Title is “KC2IDB NEXUS 7 GMSK MODEM HOTSPOT”.

Jim – K6JM

PS ” I don’t know if this link will work for everyone and searching Google or Bing for KC2IDB YouTube should always work, but right now http://www.youtube.com/watch?v=-RaGl_Px-hk seems to work too. For those interested in new things in D-Star, this is definitely worth watching.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Ken Boyle
Sent: Wednesday, July 10, 2013 10:32 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] DSTAR Hotspot with Android miniPC
Lookup kc2idb on YouTube

73,
Ken
KC2IDB

10308. RE: [gmsk_dv_node] Node adapter still not detected after firmware update

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-10 18:11:05 UTC
From: J. M. Moen
Topic: 10300 Message: 10308

I sent Jeremy some offline info about his board, but I agree that it sounds like the Program pins are being jumpered, preventing the firmware from operating in normal mode.

For those reading the mail, check out http://www.k6jm.com/hs-setup.htm Step 3.b.

Jim - K6JM

PS The following was taught me by Fred PA4YBR:

Boards made to work with DUTCH*Star firmware come with a bootloader program that is able to talk to NAWinCFG and get new firmware for "burning" onto the PIC chip microprocessor on the board. The firmware is loaded at an address above the bootloader program, so they are both there.

When the board is powered up, the bootloader program always gets initial control and checks if the Program pins have been jumpered. If yes, bootloader then waits for NAWinCFG to send it new firmware. If no, bootloader immediately turns control over to the firmware for normal operation.

So if the firmware is loaded but the Program pins are jumpered, then bootloader will be running, not the firmware, and other programs like NAWinCFG, WinDV, DVAR etc. won't "see" the board via USB.

Once the firmware is loaded, be sure move the jumper from the Program pins back to its normal spot.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Fred PA4YBR
Sent: Wednesday, July 10, 2013 10:48 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Node adapter still not detected after firmware update

Hi,

I dont know exactly how that board behaves, but it does sound like the UPDATE jumper is still "on" ... Jim?

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeremy J Barbouttis
Sent: Wednesday, July 10, 2013 6:54 PM

To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Node adapter still not detected after firmware update
Hi Fred,

It only shows one green light.

Kind regards,

Jeremy
VK2MJM

On Jul 11, 2013, at 02:14 AM, Fred PA4YBR <fred@...> wrote:

When the board is powered up, does it show one (blue) or two (blue + green) LEDs lit?

In the latter case... remove the jumper that forces it to UPDATE mode...

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeremy J Barbouttis
Sent: Wednesday, July 10, 2013 2:52 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Node adapter still not detected after firmware update

I am trying to set up my GMSK board and found the software from the Dutch Star website to configure, and update firmware - NAWinCFG.

I have updated the firmware twice with success, but NAWinCFG still does not recognise the board, so I cannot configure it.

I am running XP and downloaded the addition thingy and installed it as per the instructions.

So, I am a stumped as to what to do now?

Thanks

Jeremy

VK2MJM

10309. Re: [gmsk_dv_node] Node adapter still not detected after firmware update

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-10 21:52:21 UTC
From: Jeremy J Barbouttis
Topic: 10300 Message: 10309

Thank you for your help Fred and Jim,

I worked out is was a driver issue. I let Windows look online for a driver and to my surprise it found one and then I was able to configure the board using NAWinCFG. I am now up to burning the disk image to the sd card, but as my macbook pro is out of action, I am going to have to find a 'drive' to use on this little XP window computer someone gave me.

Thank you guys for your info, truly invaluable.

Regards,

Jeremy☐
On Jul 11, 2013, at 03:47 AM, Fred PA4YBR <fred@dutch-star.eu> wrote:

> Hi,
>
> I dont know exactly how that board behaves, but it does sound like
> the UPDATE jumper is still "on" ... Jim?
>
> --fred
>
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeremy J Barbouttis
> Sent: Wednesday, July 10, 2013 6:54 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: Re: [gmsk_dv_node] Node adapter still not detected after firmware update
>
> Hi Fred,
>
>
> It only shows one green light.
>
>
> Kind regards,
>
> Jeremy
> VK2MJM
>
> On Jul 11, 2013, at 02:14 AM, Fred PA4YBR <fred@...> wrote:
>
>>
>> When the board is powered up, does it show one (blue) or two (blue + green) LEDs lit?
>>
>> In the latter case... remove the jumper that forces it to UPDATE mode...

>>
>> --fred
>>
>>
>> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeremy J Barbouttis
>> Sent: Wednesday, July 10, 2013 2:52 PM
>> To: gmsk_dv_node@yahoogroups.com
>> Subject: [gmsk_dv_node] Node adapter still not detected after firmware update
>>
>>
>> I am trying to set up my GMSK board and found the software from the Dutch Star website to configure, and update firmware - NAWinCFG.
>>
>> I have updated the firmware twice with success, but NAWinCFG still does not recognise the board, so I cannot configure it.
>>
>> I am running XP and downloaded the addition thingy and installed it as per the instructions.
>>
>> So, I am a stumped as to what to do now?
>>
>>
>> Thanks
>>
>> Jeremy
>>
>> VK2MJM
>

10310. Re: Using my 2820 and GMSK as a hotspot and am unable to transmit with my31

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-12 08:15:46 UTC
From: Daniel
Topic: 10284 Message: 10310

THANKS to all who answered. Fred "nailed it".

Dan

kd2alv
hk3dc

--- In gmsk_dv_node@yahoogroups.com, "J. M. Moen" <jim@...> wrote:
>
> Fred nailed it.
>
> For more info, please check this group's FAQ at http://www.gmskdvnode.info/
> .
>
> In particular, check out questions 6 and 7. Be sure to test using
> NAWinTEST, then use NAWinCFG to change the Invert setting and test again.
>
> Jim - K6JM
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of Fred PA4YBR
> Sent: Monday, July 08, 2013 5:53 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: RE: [gmsk_dv_node] Using my 2820 and GMSK as a hotspot and am
> unable to transmit with my31
>
> You most likely will have to change the board's RX Invert and/or TX Invert
> settings, as this varies by radio model(-design) and since you changed
> radios....
>
> --fred
>
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of Daniel
> Sent: Monday, July 08, 2013 2:48 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Using my 2820 and GMSK as a hotspot and am unable to
> transmit with my31
> Hi,
>
> I have been using my Moen GMSK flawlessly for over a year with my ICOM 7000.
> Recently, I bought another 2820 and wanted to replace the 7000. Did not
> change any settings in 2820 nor the Icom 31, but I am able to receive,

> transmit from my HT to the 2820 but the DVAR Hotspot software does not
> receive my transmissions.
>
> Any ideas?
>
> Thanks in advance,
>
> 73,
>
> Daniel Codianni
> KD2ALV
> HK3DC
> _,___
>

10311. Connect to the Pi using VNC

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-12 14:27:15 UTC
From: Jeremy J Barbouttis
Topic: 10311 Message: 10311

Hi All,

I am trying to set up my Raspberry pi Node.

After burning the GMSK+ircDDB+VNC image to the SD card, I am trying to log on to the Raspberry Pi, after connecting it to the network.

I have found the IP address, but when I try to connect using Tight VNC, I get a message that says the connection timed out - no response in other words.

Does anyone have any ideas?

Thanks

Jeremy
VK2MJM☐

10312. Re: [gmsk_dv_node] Connect to the Pi using VNC

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-12 14:36:58 UTC
From: Jeremy J Barbouttis
Topic: 10311 Message: 10312

Just a bet more info:

I have found two new IP addresses appear when I connect my PI to my network. When I try one, it times out as previously explained.

But when I try the other, I the password: 'raspberry' does not work.

Any idea welcome.

Thanks

Jeremy

VK2MJM□

On Jul 13, 2013, at 12:27 AM, Jeremy J Barbouttis <vk2mjm@...> wrote:

> Hi All,
>
>
> I am trying to set up my Raspberry pi Node.
>
> After burning the GMSK+ircDDB+VNC image to the SD card, I am trying to log on to the Raspberry Pi, after connecting it to the network.
>
> I have found the IP address, but when I try to connect using Tight VNC, I get a message that says the connection timed out - no response in other words.
>
> Does anyone have any ideas?
>
>
> Thanks
>
> Jeremy
> VK2MJM
>

10313. RE: [gmsk_dv_node] Connect to the Pi using VNC

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-12 14:52:49 UTC
From: Andy
Topic: 10311 Message: 10313

Start a vncserver?

Andy
MM0FMF

To: gmsk_dv_node@yahoogroups.com
From: vk2mjm@...
Date: Fri, 12 Jul 2013 14:27:15 +0000
Subject: [gmsk_dv_node] Connect to the Pi using VNC

Hi All,

I am trying to set up my Raspberry pi Node.

After burning the GMSK+ircDDB+VNC image to the SD card, I am trying to log on to the Raspberry Pi, after connecting it to the network.

I have found the IP address, but when I try to connect using Tight VNC, I get a message that says the connection timed out - no response in other words.

Does anyone have any ideas?

Thanks

Jeremy
VK2MJM

10314. RE: [gmsk_dv_node] Connect to the Pi using VNC

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-12 14:58:07 UTC
From: Andy
Topic: 10311 Message: 10314

[This time with all the typing! :-)]

Start a vncserver?

./vncserver

You can specify the size with -geometry WWWxHHH if you want on the vncserver command. If you haven't setup a password you get invited to enter one the first time you run vncserver. The response will include a number for the session starting at 1 and increasing for each server you start. You can have many servers running with different resolutions etc. Enter the name or IP in the box for Tight VNC along with the session number

myRPI_IP:N

e.g.

192.168.1.123:1 (for my home network)

Andy
MM0FMF

To: gmsk_dv_node@yahoogroups.com
From: mm0fmf@...
Date: Fri, 12 Jul 2013 07:52:49 -0700
Subject: RE: [gmsk_dv_node] Connect to the Pi using VNC

Start a vncserver?

Andy
MM0FMF

To: gmsk_dv_node@yahoogroups.com
From: vk2mjm@...
Date: Fri, 12 Jul 2013 14:27:15 +0000
Subject: [gmsk_dv_node] Connect to the Pi using VNC

Hi All,

I am trying to set up my Raspberry pi Node.

After burning the GMSK+ircDDB+VNC image to the SD card, I am trying to log on to the Raspberry Pi, after connecting it to the network.

I have found the IP address, but when I try to connect using Tight VNC, I get a message that says the connection timed out - no response in other words.

Does anyone have any ideas?

Thanks

Jeremy
VK2MJM

10315. RE: [gmsk_dv_node] Connect to the Pi using VNC

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-12 17:18:06 UTC
From: J. M. Moen
Topic: 10311 Message: 10315

Jeremy is using the Pi image created by Brian GW6WTK (found at
http://westerndstar.co.uk/html/downloads.html).

Brian's image already has x11vnc installed and when the Pi boots up, that is
running. This means Jeremy doesn't need to connect up his Pi to a monitor,
keyboard or mouse and log in the traditional way.

What's supposed to happen is you use a TNC viewer (such as TightVNC) to log
onto the Pi over your internal network. Jeremy has logged onto his router
and found the IP address of his Pi. If that IP is 192.168.0.22, then he'd
tell the "tncviewer.exe" program that the Remote Host is 192.168.0.22:0,
since port zero is where the already-launched x11 window is listening.

For some reason, it's not working for Jeremy. Attached are Brian's notes
about this. I don't use his options 1 or 2, but just log onto my router to
find the Pi's newly-assigned internal IP address, since my internal IP
addresses don't change very often (well, hardly ever, since I boot up things
after a power outage in the same order).

Jim - K6JM

Following attachment by Brian GW6WTK:

This image is pre-installed with X11vnc, this starts automatically at
startup.

This feature will allow you to control and view your R-PI from a remote
PC/Laptop, you could then run
you R-PI (as I do) with no monitor, mouse or keyboard connected.

In order to use this feature there a few basic things that need to be in
place:

Firstly you will need download and install a VNC viewer on your PC, I use
this one
http://www.tightvnc.com/download.php

Once that is done, you then need to establish the network IP address of you
R-PI. This can be done in
one of two ways:

1. On your R-PI open LXTerminal and enter 'ifconfig' this will report the
configuation for all
network adapters. If you are using a Wireless then you should find 'wlan0',
need the bit that
follows 'inet addr:' probably something like this 192.168.1.45. If you are
using a Wired
connection then you will need to look at 'eth0' for the IP as above.

2. On your PC, download and install something like this one
http://www.advanced-ip-scanner.com/faq/, then run a Scan. If you are using
Wirless you will
be using the IP address for the WiFi adapter the the R-PI itself.

Option 2 is probably the favoured one because if your system is running DHCP
then the IP for you R-PI
could change when restarted, if this happens and the Viewer doesn't connect
then simply re-scan and
use the correct IP address (don't forget the :1 bit tagged on the IP
address).

Now we have the R-PI IP address, for this example let's assume it's
192.168.1.45. Now start your
R-PI and on your PC and start your 'Tight VNC Viewer' on the PC.

In the box next to 'Remote Host' enter the IP address and ':0' for the first
desktop, so we enter
192.168.1.45:0 and click connect. You should then be prompted for a
password, your password is
'raspberry'. This 'should' connect you. Hope this helps

Brian GW6WTK

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of Andy
Sent: Friday, July 12, 2013 7:53 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Connect to the Pi using VNC

Start a vncserver?

Andy
MM0FMF

To: gmsk_dv_node@yahoogroups.com
From: vk2mjm@...
Date: Fri, 12 Jul 2013 14:27:15 +0000
Subject: [gmsk_dv_node] Connect to the Pi using VNC
Hi All,

I am trying to set up my Raspberry pi Node.

After burning the GMSK+ircDDB+VNC image to the SD card, I am trying to log
on to the Raspberry Pi, after connecting it to the network.

I have found the IP address, but when I try to connect using Tight VNC, I
get a message that says the connection timed out - no response in other
words.

Does anyone have any ideas?

Thanks

Jeremy
VK2MJM

10316. Re: [gmsk_dv_node] Connect to the Pi using VNC

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-12 21:57:21 UTC
From: Brian GW6WTK
Topic: 10311 Message: 10316

Hi Jeremy
Try just adding :0 (zero) to the IP address in you viewer, so if
your IP for the R-PI is 192.168.1.26 enter
192.168.1.26:0

Brian
gw6wtk

On 12/07/2013 15:52, Andy wrote:
>
> Start a vncserver?
>
> Andy
> MM0FMF
>
> ---
> To: gmsk_dv_node@yahoogroups.com
> From: vk2mjm@...
> Date: Fri, 12 Jul 2013 14:27:15 +0000
> Subject: [gmsk_dv_node] Connect to the Pi using VNC
>
> Hi All,
>
>
> I am trying to set up my Raspberry pi Node.
>
> After burning the GMSK+ircDDB+VNC image to the SD card, I am trying to
> log on to the Raspberry Pi, after connecting it to the network.
>
> I have found the IP address, but when I try to connect using Tight
> VNC, I get a message that says the connection timed out - no response
> in other words.
>
> Does anyone have any ideas?
>
>
> Thanks
>
> Jeremy
> VK2MJM
>
>

10317. Pi with NQSMHS GMSK Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-13 22:00:24 UTC
From: tparty2k
Topic: 10317 Message: 10317

I have the Pi running the G4KLX software for GMSK modem. everything seems to be working inbound, but when it transmits my 92AD and 51A both just say FM DET. What do I need to do to fix this issue?

Terry
W5TMP

10318. Re: [gmsk_dv_node] Pi with NQSMHS GMSK Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-13 22:03:54 UTC
From: kb1pvh@yahoo.com
Topic: 10317 Message: 10318

Terry,

Have you tried TX invert?

Dave-KB1PVH

Sent from my Verizon Wireless 4G LTE DROID

tparty2k <tparty2k@yahoo.com> wrote:

>
>
>I have the Pi running the G4KLX software for GMSK modem. everything seems to be working inbound, but when it transmits my 92AD and 51A both just say FM DET. What do I need to do to fix this issue?
>
>Terry
>W5TMP
>
>
>
><!-- #ygrp-mkp { border: 1px solid #d8d8d8; font-family: Arial; margin: 10px 0; padding: 0 10px; } #ygrp-mkp hr { border: 1px solid #d8d8d8; } #ygrp-mkp #hd { color: #628c2a; font-size: 85%; font-weight: 700; line-height: 122%; margin: 10px 0; } #ygrp-mkp #ads { margin-bottom: 10px; } #ygrp-mkp .ad { padding: 0 0; } #ygrp-mkp .ad p { margin: 0; } #ygrp-mkp .ad a { color: #0000ff; text-decoration: none; } #ygrp-sponsor #ygrp-lc { font-family: Arial; } #ygrp-sponsor #ygrp-lc #hd { margin: 10px 0px; font-weight: 700; font-size: 78%; line-height: 122%; } #ygrp-sponsor #ygrp-lc .ad { margin-bottom: 10px; padding: 0 0; } #actions { font-family: Verdana; font-size: 11px; padding: 10px 0; } #activity { background-color: #e0ecee; float: left; font-family: Verdana; font-size: 10px; padding: 10px; } #activity span { font-weight: 700; } #activity span:first-child { text-transform: uppercase; } #activity span a { color: #5085b6; text-decoration: none; } #activity span span { color: #ff7900; } #activity span .underline { text-decoration: underline; } .attach { clear: both; display: table; font-family: Arial; font-size: 12px; padding: 10px 0; width: 400px; } .attach div a { text-decoration: none; } .attach img { border: none; padding-right: 5px; } .attach label { display: block; margin-bottom: 5px; } .attach label a { text-decoration: none; } blockquote { margin: 0 0 0 4px; } .bold { font-family: Arial; font-size: 13px; font-weight: 700; } .bold a { text-decoration: none; } dd.last p a { font-family: Verdana; font-weight: 700; } dd.last p span { margin-right: 10px; font-family: Verdana; font-weight: 700; } dd.last p span.yshortcuts { margin-right: 0; } div.attach-table div div a { text-decoration: none; } div.attach-table { width: 400px; } div.file-title a, div.file-title a:active, div.file-title a:hover, div.file-title a:visited { text-decoration: none; } div.photo-title a, div.photo-title a:active, div.photo-title a:hover, div.photo-title a:visited { text-decoration: none; } div#ygrp-mlmsg #ygrp-msg p a span.yshortcuts { font-family: Verdana; font-size: 10px; font-weight: normal; } .green { color: #628c2a; } .MsoNormal { margin: 0 0 0 0; } o {

font-size: 0; } #photos div { float: left; width: 72px; } #photos div div { border: 1px solid #666666; height: 62px; overflow: hidden; width: 62px; } #photos div label { color: #666666; font-size: 10px; overflow: hidden; text-align: center; white-space: nowrap; width: 64px; } #reco-category { font-size: 77%; } #reco-desc { font-size: 77%; } .replbq { margin: 4px; } #ygrp-actbar div a:first-child { /* border-right: 0px solid #000;*/ margin-right: 2px; padding-right: 5px; } #ygrp-mlmsg { font-size: 13px; font-family: Arial, helvetica,clean, sans-serif; *font-size: small; *font: x-small; } #ygrp-mlmsg table { font-size: inherit; font: 100%; } #ygrp-mlmsg select, input, textarea { font: 99% Arial, Helvetica, clean, sans-serif; } #ygrp-mlmsg pre, code { font:115% monospace; *font-size:100%; } #ygrp-mlmsg * { line-height: 1.22em; } #ygrp-mlmsg #logo { padding-bottom: 10px; } #ygrp-msg p a { font-family: Verdana; } #ygrp-msg p#attach-count span { color: #1E66AE; font-weight: 700; } #ygrp-reco #reco-head { color: #ff7900; font-weight: 700; } #ygrp-reco { margin-bottom: 20px; padding: 0px; } #ygrp-sponsor #ov li a { font-size: 130%; text-decoration: none; } #ygrp-sponsor #ov li { font-size: 77%; list-style-type: square; padding: 6px 0; } #ygrp-sponsor #ov ul { margin: 0; padding: 0 0 0 8px; } #ygrp-text { font-family: Georgia; } #ygrp-text p { margin: 0 0 1em 0; } #ygrp-text tt { font-size: 120%; } #ygrp-vital ul li:last-child { border-right: none !important; } -->

10319. Re: [gmsk_dv_node] Pi with NQSMHS GMSK Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-13 22:09:44 UTC
From: Terry Partigianoni
Topic: 10317 Message: 10319

Is that an option on raspberry pi!??

Sent from my iPhone

On Jul 13, 2013, at 5:03 PM, "kb1pvh@..." <kb1pvh@...> wrote:

> Terry,
>
> Have you tried TX invert?
>
> Dave-KB1PVH
>
> Sent from my Verizon Wireless 4G LTE DROID
>
>
> tparty2k <tparty2k@...> wrote:
>
>
> I have the Pi running the G4KLX software for GMSK modem. everything seems to be working inbound, but when it transmits my 92AD and 51A both just say FM DET. What do I need to do to fix this issue?
>
> Terry
> W5TMP
>
>

10320. Re: [gmsk_dv_node] Pi with NQSMHS GMSK Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-13 22:19:05 UTC
From: Matthew Pitts
Topic: 10317 Message: 10320

Yes. Run the "repeater_conf" script as user opendv and look through all of the options to find where it needs to be set; I haven't set up a GMSK board on my Pi, as I don't own one, but the same thing is required for the several of the other options.

Matthew Pitts
N8OHU

_____
From: Terry Partigianoni <tparty2k@...>
To: "gmsk_dv_node@yahoogroups.com" <gmsk_dv_node@yahoogroups.com>
Sent: Saturday, July 13, 2013 6:09 PM
Subject: Re: [gmsk_dv_node] Pi with NQSMHS GMSK Modem

Is that an option on raspberry pi!??

Sent from my iPhone

On Jul 13, 2013, at 5:03 PM, "kb1pvh@..." <kb1pvh@...> wrote:

>Terry,
>
>
>Have you tried TX invert?
>
>
>Dave-KB1PVH
>
>
>Sent from my Verizon Wireless 4G LTE DROID
>
>tparty2k <tparty2k@...> wrote:
>
>
>I have the Pi running the G4KLX software for GMSK modem. everything seems to be working inbound, but when it transmits my 92AD and 51A both just say FM DET. What do I need to do to fix this issue?
>
>Terry
>W5TMP
>
>

10321. RE: [gmsk_dv_node] Pi with NQSMHS GMSK Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-15 02:33:31 UTC
From: J. M. Moen
Topic: 10317 Message: 10321

The NQSMHS (one of the early GMSK modems) runs DUTCH*Star firmware. The RX Invert and TX Invert settings are configured in the firmware and saved on the board – G4KLX has no control over that.

I would first get the board working with your chosen analog radio using a test program, so when you switch to your Pi and G4KLX, you'll know the board is configured right.

I know you are using the Pi which runs Linux, but if you have access to a Windows machine, it's easy to change the current TX Invert setting by running the DUTCH*Star program NAWinCFG. Download NATools from http://www.dutch-star.eu/software/ . It includes NAWinCFG and NAWinTEST.

Take a look at question 7 in the group's FAQ at http://www.gmskdvnode.info/ . Test with NAWinTEST Echo Test, then use NAWinCFG to alter the firmware settings (TX Invert in this case) and try Echo Test again.

I agree with Dave KBx1PVH that the first thing to try is flipping TX Invert. After doing that and adjusting the TX trim pot, if you just can't get your 92AD to decode the Echo Test transmission, you may need to mod the board.

If you have a NQSMHS version 2 board, it may not be producing enough TX audio drive to give proper deviation. Mark Phillips, who designed and sold the NQSMHS, posted the following to this group on 23 March 2011:

Re: [gmsk_dv_node] Re: NQSMHS V2 TX Drive
This problem affects ALL installations of this board regardless of V4 or
V5 mode.

Simply clip the right hand leg of the TX pot (with sockets facing right)
and your TX drive is restored.

Hopefully you won't need the mod, and flipping TX Invert will fix your problem.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Terry Partigianoni
Sent: Saturday, July 13, 2013 3:10 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Pi with NQSMHS GMSK Modem

Is that an option on raspberry pi!??

Sent from my iPhone

On Jul 13, 2013, at 5:03 PM, "kb1pvh@..." <kb1pvh@...> wrote:
Terry,

Have you tried TX invert?

Dave-KB1PVH

Sent from my Verizon Wireless 4G LTE DROID

tparty2k <tparty2k@...> wrote:
I have the Pi running the G4KLX software for GMSK modem. everything seems to be working inbound, but when it transmits my 92AD and 51A both just say FM DET. What do I need to do to fix this issue?

Terry
W5TMP

10322. Amateur Radio Experimenters Corner - New Yahoo Group☐

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-15 12:20:37 UTC
From: KJ
Topic: 10322 Message: 10322

Amateur Radio Experimenters Corner
<http://groups.yahoo.com/group/Amateur_Radio_Experimenters_Corner/> The charter and purpose for this new yahoo group is to further and advance the exchange of information and cooperation among fellow members so as to best promote radio related experimentation, knowledge, sharing, cooperation and individual operating efficiency, which is intended to result in advancing general levels of interest and the overall welfare of Amateur Radio throughout the world and our universe at large. Interestingly and uniquely our group is actively involved with improving inter-operable communications between the various bands and modes of operation such as Analog: LSB,USB,SSB,AM,FM-w/n, etc..|Digital: P25, PSK, FSK, DMR MotoTRBO, NXDN, IRLP, EchoLink, AllStar, Codec-2, D-STAR® (IRCDDBGateway, HotSpots, Node Adapters, Dplus, DV Dongles, DVAP's, D-RATS, Digital Networks - ircDDB, G2 and their Reflectors ☐ XRF,DCS,CCS,REF), HSMM-MESH, etc..

Keep in mind that we are still busy working at assembling content by adding useful links, files, photographs, etc... of which over time will only become more improved and vast for your reference. Importantly it is also worth noting that we now offer and maintain a geographically vast and growing redundant fault tolerant network of linked and bridged radio repeaters consisting of multiple modes of operation access and bands for radio communication that you will find very convenient and handy when gaining access via your own radio, thus allowing you to operate in your own personal favorite mode of operation and at the same time still be able to seamlessly inter-operate with the many other modes working on our network.

10323. Friendcom FC-301

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-15 14:41:19 UTC
From: jorgenbodholdt
Topic: 10323 Message: 10323

Does anyone know where to buy Friendcom FC-301 / D UHF V.4 ?
For it can not at the Dutch * Star Project

Jørgen

10324. Setting up GMSK Software

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-15 18:22:27 UTC
From: Jeremy J Barbouttis
Topic: 10324 Message: 10324

.Thank you all for your help.

Brian's notes were a great help.

The IP scan software was brilliant - I had the wrong IP address in the end. Once I had that, no password was required.

I am now trying to put in commands and also enter the preferences for the GMSK repeater software.

In the Network section it asks for the Gateway address and gateway ports.

Where do I get those numbers from?

Thanks

Jeremy

VK2MJM□

10325. RE: [gmsk_dv_node] Friendcom FC-301

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-15 22:13:35 UTC
From: J. M. Moen
Topic: 10323 Message: 10325

According to http://www.dutch-star.eu/ , those radios appear to be in stock now.

Jim ☐ K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of jorgenbodholdt
Sent: Monday, July 15, 2013 7:41 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Friendcom FC-301
Does anyone know where to buy Friendcom FC-301 / D UHF V.4 ?
For it can not at the Dutch * Star Project

Jørgen

10326. RE: [gmsk_dv_node] Setting up GMSK Software

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-15 22:15:48 UTC
From: J. M. Moen
Topic: 10324 Message: 10326

I just use the defaults: 127.0.0.1 and 20010. Then for ircDDBGateway Preferences on the Gateway tab, use the same values for Local HB address and Local HB Port.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeremy J Barbouttis
Sent: Monday, July 15, 2013 11:22 AM
To: gmsk_dv_node@yahoogroups.com
Cc: J. M. Moen
Subject: [gmsk_dv_node] Setting up GMSK Software

.Thank you all for your help.

Brian's notes were a great help.

The IP scan software was brilliant - I had the wrong IP address in the end. Once I had that, no password was required.

I am now trying to put in commands and also enter the preferences for the GMSK repeater software.

In the Network section it asks for the Gateway address and gateway ports.

Where do I get those numbers from?

Thanks

Jeremy

VK2MJM

10327. Re: [gmsk_dv_node] Friendcom FC-301

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-15 14:47:49 UTC
From: Rudy Benner
Topic: 10323 Message: 10327

I bought mine at Argent

https://www.argentdata.com/catalog/product_info.php?cPath=25&products_id=107&osCsid=kthski644a5rm2ulo9b5s2jcb5
https://www.argentdata.com/catalog/product_info.php?products_id=108&osCsid=kthski644a5rm2ulo9b5s2jcb5
https://www.argentdata.com/catalog/product_info.php?products_id=126&osCsid=kthski644a5rm2ulo9b5s2jcb5

They work great.

They are rated at 5 watts, under repeater duty (or hotspot) they will get very hot even at the 1 watt setting.
If you strap on a heat sink and use the right grease, you will find they stay cool at 5 watts, even with 100% duty factor.

I have 2 on my B module and 1 on my C module.

ve3bdr

From: jorgenbodholdt
Sent: Monday, July 15, 2013 10:41 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Friendcom FC-301

Does anyone know where to buy Friendcom FC-301 / D UHF V.4 ?
For it can not at the Dutch * Star Project

Jørgen

10328. Re: [gmsk_dv_node] Connect to the Pi using VNC

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-15 13:16:15 UTC
From: Jeremy J Barbouttis
Topic: 10311 Message: 10328

.Thank you all for your help.

Brian's notes were a great help.

The IP scan software was brilliant - I had the wrong IP address in the end. Once I had that, no password was required.

I am now trying to put in commands and also enter the preferences for the GMSK repeater software.

In the Network section it asks for the Gateway address and gate□way ports.

Where do I get those numbers from?

Thanks

Jeremy

VK2MJM

On Jul 13, 2013, at 03:18 AM, "J. M. Moen" <jim@...> wrote:

> Jeremy is using the Pi image created by Brian GW6WTK (found athttp://westerndstar.co.uk/html/downloads.html).
>
> Brian’s image already has x11vnc installed and when the Pi boots up, that is running. This means Jeremy doesn’t need to connect up his Pi to a monitor, keyboard or mouse and log in the traditional way.
>
>
> What’s supposed to happen is you use a TNC viewer (such as TightVNC) to log onto the Pi over your internal network. Jeremy has logged onto his router and found the IP address of his Pi. If that IP is 192.168.0.22, then he’d tell the “tncviewer.exe” program that the Remote Host is 192.168.0.22:0, since port zero is where the already-launched x11 window is listening.
>
> For some reason, it’s not working for Jeremy. Attached are Brian’s notes about this. I don’t use his options 1 or 2, but just log onto my router to find the Pi’s newly-assigned internal IP address, since my internal IP addresses don’t change very often (well, hardly ever, since I boot up things after a power outage in the same order).
>
>
> Jim – K6JM
>
> Following attachment by Brian GW6WTK:
>
>

> This image is pre-installed with X11vnc, this starts automatically at startup.
>
>
> This feature will allow you to control and view your R-PI from a remote PC/Laptop, you could then run
>
> you R-PI (as I do) with no monitor, mouse or keyboard connected.
>
>
> In order to use this feature there a few basic things that need to be in place:
>
>
> Firstly you will need download and install a VNC viewer on your PC, I use this one
>
> http://www.tightvnc.com/download.php
>
>
>
> Once that is done, you then need to establish the network IP address of you R-PI. This can be done in
>
> one of two ways:
>
>
> 1. On your R-PI open LXTerminal and enter 'ifconfig' this will report the configuation for all
>
> network adapters. If you are using a Wireless then you should find 'wlan0', need the bit that
>
> follows 'inet addr:' probably something like this 192.168.1.45. If you are using a Wired
>
> connection then you will need to look at 'eth0' for the IP as above.
>
>
> 2. On your PC, download and install something like this one
>
> http://www.advanced-ip-scanner.com/faq/, then run a Scan. If you are using Wirless you will
>
> be using the IP address for the WiFi adapter the the R-PI itself.
>
>
> Option 2 is probably the favoured one because if your system is running DHCP then the IP for you R-PI
>
> could change when restarted, if this happens and the Viewer doesn't connect then simply re-scan and
>
> use the correct IP address (don't forget the :1 bit tagged on the IP address).

>
>
> Now we have the R-PI IP address, for this example let's assume it's 192.168.1.45. Now start your
>
> R-PI and on your PC and start your 'Tight VNC Viewer' on the PC.
>
>
> In the box next to 'Remote Host' enter the IP address and ':0' for the first desktop, so we enter
>
> 192.168.1.45:0 and click connect. You should then be prompted for a password, your password is
>
> 'raspberry'. This 'should' connect you. Hope this helps
>
>
> Brian GW6WTK
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Andy
> Sent: Friday, July 12, 2013 7:53 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: RE: [gmsk_dv_node] Connect to the Pi using VNC
>
>
>
>
> Start a vncserver?
>
> Andy
> MM0FMF
>
>
> To: gmsk_dv_node@yahoogroups.com
> From: vk2mjm@...
> Date: Fri, 12 Jul 2013 14:27:15 +0000
> Subject: [gmsk_dv_node] Connect to the Pi using VNC
>
> Hi All,
>
>
> I am trying to set up my Raspberry pi Node.
>
> After burning the GMSK+ircDDB+VNC image to the SD card, I am trying to log on to the Raspberry Pi, after connecting it to the network.
>
> I have found the IP address, but when I try to connect using Tight VNC, I get a message that says the connection timed out - no response in other words.
>

> Does anyone have any ideas?
>
>
> Thanks
>
> Jeremy
> VK2MJM
>

10329. Re: Friendcom FC-301

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-16 09:55:05 UTC
From: jorgenbodholdt
Topic: 10323 Message: 10329

Thank you, Can private Act att

OZ3JBP Jørgen

--- In gmsk_dv_node@yahoogroups.com, "Rudy Benner" <rudy@...> wrote:
>
> I bought mine at Argent
>
> https://www.argentdata.com/catalog/product_info.php?cPath=25&products_id=107&osCsid=kthski644a5rm2ulo9b5s2jcb5
> https://www.argentdata.com/catalog/product_info.php?products_id=108&osCsid=kthski644a5rm2ulo9b5s2jcb5
> https://www.argentdata.com/catalog/product_info.php?products_id=126&osCsid=kthski644a5rm2ulo9b5s2jcb5
>
> They work great.
>
> They are rated at 5 watts, under repeater duty (or hotspot) they will get very hot even at the 1 watt setting.
> If you strap on a heat sink and use the right grease, you will find they stay cool at 5 watts, even with 100% duty factor.
>
> I have 2 on my B module and 1 on my C module.
>
> ve3bdr
>
> From: jorgenbodholdt
> Sent: Monday, July 15, 2013 10:41 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Friendcom FC-301
>
>
> Does anyone know where to buy Friendcom FC-301 / D UHF V.4 ?
> For it can not at the Dutch * Star Project
>
> JÃ¸rgen
>

10330. Setting up GMSK Software

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-17 11:14:09 UTC
From: Jeremy J Barbouttis
Topic: 10324 Message: 10330

Hi Jim,

Thank you for this.

I did follow these steps, but they seemed not to work.

However, I discovered I could use the save command under the file menu.

I am now looking at the ircDDB page of the ircDDB Gateway software and I see a username and password is required.

Where would I get these?

Thanks

Jeremy
VK2MJM

On 17/07/2013, at 10:30 AM, J. M. Moen <jim@k6jm.com> wrote:

> Jeremy,
>
> That’s covered in the email I sent, but there were several steps and you may not have noticed the following. Start out by logging onto the Pi from your VNC viewer like TIghtVNC.
>
> First change the resolution (part of the X11 windowing used on this image). Thanks to Pres W2PW for this fix.
>
> o Exit GMSKRepeater program, then exit ircDDBGateway program
>
> o To make configuration changes, you’ll need to get into command line mode. In the TightVNC window into the Pi, open LXTerminal (click on icon at bottom left menu bar, go to Accessories and select LXTerminal). It will display a command line window.
>
> o cd /boot
>
> o sudo nano config.txt
>
> o To page down, enter Ctrl-v
>
> o Uncomment hdmi_force_hotplug=1
>
> o Enter Ctrl-x, then respond with Y, then hit enter to accept rewriting config.txt
>
> o Reboot by issuing sudo shutdown –r now
>
>

> Jim – K6JM
>
> From: Jeremy J Barbouttis [mailto:vk2mjm@...]
> Sent: Tuesday, July 16, 2013 8:12 AM
> To: J. M. Moen
> Subject: Re: Setting up GMSK Software
>
>
> Hi Jim,
>
>
>
> I am having problem entering my details into the ircDDB gateway software.
>
>
> I cannot click save, as the app window is too big for the Tight VCN viewer, and I cannot reposition the window in order to reach the OK button.
>
>
> Do you have any ideas?
>
>
>
> Thanks,
>
>
> Jeremy
>
> VK2MJM
>
>
>
> On 16/07/2013, at 7:28 AM, J. M. Moen <jim@...> wrote:
>
>
>
> Jeremy,
>
> OK, you are nearly done. Glad the IP scan worked.
>
> If you haven’t look at my screenshots (admittedly from an older version of the G4KLX software), take a look at http://www.k6jm.com/configG4KLX.pdf .
>
>
> I would use the default values, which for Gateway Address is 127.0.0.1 and Gateway Port is 20010. The 127.0.0.1 IP is the TCP/IP equivalent of “this computer”. You want that since both GMSKRepeater and ircDDBGateway programs will run on the same computer (the Pi).
>
> By taking the defaults, then when you get to the ircDDB Gateway preferences, Gateway tab, then the values in Local HB Address and Local HB Port will be the same as those above.

>
>
> Those must be the same so the two programs can “talk” to each other.
>
> Jim – K6JM
>
> From: Jeremy J Barbouttis [mailto:vk2mjm@...]
> Sent: Monday, July 15, 2013 11:22 AM
> To: gmsk_dv_node@yahoogroups.com
> Cc: J. M. Moen
> Subject: Setting up GMSK Software
>
>
> .Thank you all for your help.
>
> Brian's notes were a great help.
>
> The IP scan software was brilliant - I had the wrong IP address in the end. Once I had that, no password was required.
>
> I am now trying to put in commands and also enter the preferences for the GMSK repeater software.
>
> In the Network section it asks for the Gateway address and gateway ports.
>
> Where do I get those numbers from?
>
>
> Thanks
>
> Jeremy
>
> VK2MJM
>
>

10331. Win dv software and Dv dongle.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-17 11:30:59 UTC
From: Roger Kolodziej
Topic: 10331 Message: 10331

Hi Everyone have recently purchased a moen com board so before I set that up ive been playing around with my dv dongle and the win dv software.
Ok so initially it worked ok and I could connect to d plus reflectors. Now when I connect, I get an ip address from the reflector i connect to but I cannot do any echo tests or talk to anyone. no errors come up at all to tell me I was unsuccessful.
Im not hiding my serial number of my dongle im allowing that to be shared. Reverting back to the normal dv dongle software works ok.

The other thing is when it is up and running why cant i connect to any x or dcs reflectors? It states my callsign is not allowed. I also cannot see my local dcs reflector in any list in the win dv software. dcs014

Is there somewhere else I have to register? IRCDDB website from my understanding is only for home brew repeaters/gateways?
Im making sure all my functionality is good to go before I start connecting my moen com board to my radio as a elevated hotspot.

Cheers Roger
VK2VRK

Sent from Yahoo!7 Mail on Android

10332. RE: [gmsk_dv_node] Setting up GMSK Software

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-17 15:05:10 UTC
From: J. M. Moen
Topic: 10324 Message: 10332

Jeremy,

Don't have much time, on the way out the door, and hopefully others on the list can help answer.

The ircDDB Gateway tab is for setting up an official ircDDB Gateway. The proper way to do that is to get a separate callsign, for example, a repeater callsign. Hams in the US call them "club callsigns."

You then send a request to the ircDDB folks and ask them to "register" that other callsign. This is entirely different from "registering" at an ICOM gateway so you can use DPlus linking.

The FAQ for this group is found at http://www.gmskdvnode.info/ . Look at questions 3, 4 and 5.

So for now, I'd recommend you not enable ircDDB and don't fill out that tab in Preferences. Get your system up and running, then you can come back to this and decide how to proceed.

Jim - K6JM

PS There is a way to use ircDDB without getting a repeater callsign by using the Italian test server. Again, I suggest you move on and skip this now, then come back to it.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeremy J Barbouttis
Sent: Wednesday, July 17, 2013 4:14 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Setting up GMSK Software
Hi Jim,
Thank you for this.

I did follow these steps, but they seemed not to work.

However, I discovered I could use the save command under the file menu.

I am now looking at the ircDDB page of the ircDDB Gateway software and I see a username and password is required.

Where would I get these?

Thanks

Jeremy
VK2MJM

10333. GMSK Software

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-17 16:08:20 UTC
From: Jørgen B
Topic: 10324 Message: 10333

Have tried 100 times can not get Star * Board GMSK Node Adapter to run with win 7
can not get to work NAWinCFG
have dowload winsum.dll and RICHTX32.OCX
where are the files save her in the directory ?

Jørgen Bodholdt - OZ3JBP
2610 Rødovre

10334. RE: [gmsk_dv_node] GMSK Software

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-17 16:23:32 UTC
From: Kerry Atkinson
Topic: 10324 Message: 10334

You have to run in an elevated mode (administrator). right click on the application and say run as administrator.

If that doesn't work, you might have to uninstall everything and reinstall by right clicking on the install package and say run as administrator to get it to work

Kerry VE6GG

_____
From: gmsk_dv_node@yahoogroups.com on behalf of J?rgen B
Sent: Wednesday, July 17, 2013 10:08
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] GMSK Software

Have tried 100 times can not get Star * Board GMSK Node Adapter to run with win 7
can not get to work NAWinCFG
have dowload winsum.dll and RICHTX32.OCX
where are the files save her in the directory ?

J?rgen Bodholdt - OZ3JBP
2610 R?dovre

10335. RE: [gmsk_dv_node] Friendcom FC-301

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-17 16:28:22 UTC
From: Fred PA4YBR
Topic: 10323 Message: 10335

Jorgen,

Your order was cancelled today because no payment was received (again).

The FC-301/D's (UHF version) are in stock, we have a few left. A new order
for
them (and some VHF units as well) will be placed next end of July.

Regards,

Fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of jorgenbodholdt
Sent: Monday, July 15, 2013 4:41 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Friendcom FC-301

Does anyone know where to buy Friendcom FC-301 / D UHF V.4 ?
For it can not at the Dutch * Star Project

Jørgen

10336. RE: [gmsk_dv_node] GMSK Software

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-17 16:33:45 UTC
From: Fred PA4YBR
Topic: 10324 Message: 10336

Yes.

This package installs a device driver onto the system (on Win7, it installs only
an INF file because Win7 already has Winusb installed by default) and that does
require Admin level rights. After that, applications no longer need those rights,
and they can be run as a regular user.

On Win8, one usually has to also switch off driver signing to get things to work;
see Jim (Moen)'s FAQ on installing this software on various platforms.

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Kerry Atkinson
Sent: Wednesday, July 17, 2013 6:24 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] GMSK Software

You have to run in an elevated mode (administrator). right click on the application and say run as administrator.

If that doesn't work, you might have to uninstall everything and reinstall by right clicking on the install package and say run as administrator to get it to work

Kerry VE6GG

From: gmsk_dv_node@yahoogroups.com on behalf of Jørgen B
Sent: Wednesday, July 17, 2013 10:08
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] GMSK Software

Have tried 100 times can not get Star * Board GMSK Node Adapter to run with win 7
can not get to work NAWinCFG
have dowload winsum.dll and RICHTX32.OCX
where are the files save her in the directory ?

Jørgen Bodholdt - OZ3JBP
2610 Rødovre

10337. Radio settings - Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-17 19:39:49 UTC
From: Jeremy J Barbouttis
Topic: 10337 Message: 10337

Hi All,

I finally gave my board a go, plugged in the PI and radio and there seems to be nothing happening.

I suppose I would have at least expected a beep after keying up??

I have plugged the 9-pin cable into the board and the back of my IC-7000.

And of course the board is connected to the pi via USB.

I have to admit I am not sure how to set the radio up - do I set it up like for the DVAP or do I have to fill in rpt1 and rpt2 fields?

If so, what with?

I have updated the firmware on the board, and done the requisite settings on the pi.

I do notice an orange light light up on the board when I key up.

Not sure what I should be doing at this point.

Any help appreciated.

Thanks

Jeremy

VK2MJM

10338. Re: [gmsk_dv_node] Radio settings - Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-17 19:44:55 UTC
From: Jeremy J Barbouttis
Topic: 10337 Message: 10338

Actually, it just occurred to me.

I am using an ID-31A, could that be the issue?

Thanks

Jeremy

On 18/07/2013, at 5:39 AM, Jeremy J Barbouttis <vk2mjm@...> wrote:

> Hi All,
>
> I finally gave my board a go, plugged in the PI and radio and there seems to be nothing happening.
>
> I suppose I would have at least expected a beep after keying up??
>
> I have plugged the 9-pin cable into the board and the back of my IC-7000.
>
> And of course the board is connected to the pi via USB.
>
> I have to admit I am not sure how to set the radio up - do I set it up like for the DVAP or do I have to fill in rpt1 and rpt2 fields?
>
> If so, what with?
>
> I have updated the firmware on the board, and done the requisite settings on the pi.
>
> I do notice an orange light light up on the board when I key up.
>
> Not sure what I should be doing at this point.
>
> Any help appreciated.
>
> Thanks
>
> Jeremy
>
> VK2MJM
>
>

10339. RE: [gmsk_dv_node] Win dv software and Dv dongle.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-17 19:50:43 UTC
From: Fred PA4YBR
Topic: 10331 Message: 10339

Roger,

This can be answered a lot quicker by using the program's "send bug" feature from
its Help menu. Enabling logging (tools>options>logging) before that would help even
more....

-fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Roger Kolodziej
Sent: Wednesday, July 17, 2013 1:31 PM
To: Dv Node Group
Subject: [gmsk_dv_node] Win dv software and Dv dongle.

Hi Everyone have recently purchased a moen com board so before I set that up ive been playing around with my dv dongle and the win dv software.
Ok so initially it worked ok and I could connect to d plus reflectors. Now when I connect, I get an ip address from the reflector i connect to but I cannot do any echo tests or talk to anyone. no errors come up at all to tell me I was unsuccessful.
Im not hiding my serial number of my dongle im allowing that to be shared.
Reverting back to the normal dv dongle software works ok.

The other thing is when it is up and running why cant i connect to any x or dcs reflectors? It states my callsign is not allowed. I also cannot see my local dcs reflector in any list in the win dv software. dcs014

Is there somewhere else I have to register? IRCDDB website from my understanding is only for home brew repeaters/gateways?
Im making sure all my functionality is good to go before I start connecting my moen com board to my radio as a elevated hotspot.

Cheers Roger
VK2VRK

Sent from Yahoo!7 Mail on Android

10340. RE: [gmsk_dv_node] Radio settings - Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-17 19:56:09 UTC
From: jim
Topic: 10337 Message: 10340

How did the tests with NAWinTEST (or Linux equivalent) go? Did RF Read show callsigns and data? Could your D-Star radio decode the Echo Test playback ok?

Use www.k6jm.com/hs-setup.htm to guide you. You should now be at step 4.

Jim - K6JM

Sent via the Samsung Galaxy S™III

-------- Original message --------
From: Jeremy J Barbouttis <vk2mjm@icloud.com>
Date:
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Radio settings - Hotspot

Hi All,

I finally gave my board a go, plugged in the PI and radio and there seems to be nothing happening.

I suppose I would have at least expected a beep after keying up??

I have plugged the 9-pin cable into the board and the back of my IC-7000.

And of course the board is connected to the pi via USB.

I have to admit I am not sure how to set the radio up - do I set it up like for the DVAP or do I have to fill in rpt1 and rpt2 fields?

If so, what with?

I have updated the firmware on the board, and done the requisite settings on the pi.

I do notice an orange light light up on the board when I key up.

Not sure what I should be doing at this point.

Any help appreciated.

Thanks

Jeremy

VK2MJM

10341. RE: [gmsk_dv_node] Friendcom FC-301

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-17 20:07:56 UTC
From: Fred PA4YBR
Topic: 10323 Message: 10341

Yes, they are.

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of J. M. Moen
Sent: Tuesday, July 16, 2013 12:14 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Friendcom FC-301

According to <http://www.dutch-star.eu/> http://www.dutch-star.eu/ , those radios appear to be in stock now.

Jim ☐ K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of jorgenbodholdt
Sent: Monday, July 15, 2013 7:41 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Friendcom FC-301

Does anyone know where to buy Friendcom FC-301 / D UHF V.4 ?
For it can not at the Dutch * Star Project

Jørgen

10342. Re: [gmsk_dv_node] Radio settings - Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-17 20:11:44 UTC
From: jim
Topic: 10337 Message: 10342

This is where Echo Test is important. Make a long transmission with your D-Star radio, so there will be a long playback transmission to give you time to adjust the TX trimpot.

I now test boards using NAWinTEST with an ID-51A (same design as ID-31A), so it's likely you will find the correct TX trimpot setting.

  Jim - K6JM

Sent via the Samsung Galaxy S™III

-------- Original message --------
From: Jeremy J Barbouttis <vk2mjm@icloud.com>
Date:
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Radio settings - Hotspot

Actually, it just occurred to me.

I am using an ID-31A, could that be the issue?

Thanks

Jeremy

On 18/07/2013, at 5:39 AM, Jeremy J Barbouttis <vk2mjm@icloud.com> wrote:

Hi All,

I finally gave my board a go, plugged in the PI and radio and there seems to be nothing happening.

I suppose I would have at least expected a beep after keying up??

I have plugged the 9-pin cable into the board and the back of my IC-7000.

And of course the board is connected to the pi via USB.

I have to admit I am not sure how to set the radio up - do I set it up like for the DVAP or do I have to fill in rpt1 and rpt2 fields?

If so, what with?

I have updated the firmware on the board, and done the requisite settings on the pi.

I do notice an orange light light up on the board when I key up.

Not sure what I should be doing at this point.

Any help appreciated.

Thanks

Jeremy

VK2MJM

10343. Re: RE: [gmsk_dv_node] Win dv software and Dv dongle.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-17 21:14:47 UTC
From: Roger Kolodziej
Topic: 10331 Message: 10343

Hi Fred the program started to work again which is fine... I just dont know why It did that. As for using the help menu to enable logging well theres no option to enable that? I thought ok maybe I need to push the 'report a problem or idea' button but that makes win dv crash and I have to close it. I have already reinstalled the program a few times.

Sent from Yahoo!7 Mail on Android

10344. Re: [gmsk_dv_node] Radio settings - Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-17 22:00:55 UTC
From: Jeremy J Barbouttis
Topic: 10337 Message: 10344

Thanks Jim,

What should I put in the UrCall Field?

Also, is the Tx trimpot the screw thingy on the board?

I'll check diagrams when I get home.

Thanks

Jeremy

On 18/07/2013, at 6:11 AM, jim <jim@...> wrote:

>
> This is where Echo Test is important. Make a long transmission with your D-Star radio, so there will be a long playback transmission to give you time to adjust the TX trimpot.
>
> I now test boards using NAWinTEST with an ID-51A (same design as ID-31A), so it's likely you will find the correct TX trimpot setting.
>
> Jim - K6JM
>
> Sent via the Samsung Galaxy S™III
>
>
>
> -------- Original message --------
> From: Jeremy J Barbouttis <vk2mjm@...>
> Date:
> To: gmsk_dv_node@yahoogroups.com
> Subject: Re: [gmsk_dv_node] Radio settings - Hotspot
>
>
>
> Actually, it just occurred to me.
>
>
> I am using an ID-31A, could that be the issue?
>
>
> Thanks
>
> Jeremy
>
> On 18/07/2013, at 5:39 AM, Jeremy J Barbouttis <vk2mjm@...> wrote:
>

>>
>> Hi All,
>>
>> I finally gave my board a go, plugged in the PI and radio and there seems to be nothing happening.
>>
>> I suppose I would have at least expected a beep after keying up??
>>
>> I have plugged the 9-pin cable into the board and the back of my IC-7000.
>>
>> And of course the board is connected to the pi via USB.
>>
>> I have to admit I am not sure how to set the radio up - do I set it up like for the DVAP or do I have to fill in rpt1 and rpt2 fields?
>>
>> If so, what with?
>>
>> I have updated the firmware on the board, and done the requisite settings on the pi.
>>
>> I do notice an orange light light up on the board when I key up.
>>
>> Not sure what I should be doing at this point.
>>
>> Any help appreciated.
>>
>> Thanks
>>
>> Jeremy
>>
>> VK2MJM
>>
>
>
>
>

10345. RE: [gmsk_dv_node] GMSK Software

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-18 00:15:17 UTC
From: J. M. Moen
Topic: 10324 Message: 10345

Jørgen,

You□ve received some good information already. But I have a question. You said you downloaded □winsum.dll□. What is that? For Windows XP, you need to download winusb.zip, unzip it and move □winusb.dll□ to c:Windows/System32. But you don□t need or want that for Win7.

When you say NAWinCFG does not work, can you give us more information? What happens when you try to run the program?

Jim □ K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jørgen B
Sent: Wednesday, July 17, 2013 9:08 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] GMSK Software

Have tried 100 times can not get Star * Board GMSK Node Adapter to run with win 7
can not get to work NAWinCFG
have dowload winsum.dll and RICHTX32.OCX
where are the files save her in the directory ?

Jørgen Bodholdt - OZ3JBP
2610 Rødovre

10346. RE: [gmsk_dv_node] Radio settings - Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-18 01:14:26 UTC
From: J. M. Moen
Topic: 10337 Message: 10346

Normally just put CQCQCQ in URCall of your D-Star radio. But it doesn't matter while testing with NAWinTEST.

You asked where is the TX trimpot? Every board has a different way to set theTransmit audio level that goes into the analog radio. On the Star*Board, this is potentiometer R36. Look at the back page of your User Manual for the board's layout diagram. There are three potentiometers (pots) on this board. Position the board with the USB and DSub connector at the top, and the LEDs and the jumper pins for SW4 and SW3 at the bottom. The two pots are at the left. R36 is the one on top - the TX trim pot.

Each radio can require a different amount of TX audio drive to produce the correct deviation expected by D-Star receivers. For most radios, the correct setting is between 12 o'clock and 3 o'clock.

Once RF Read is working, then try Echo Test. For the procedure, look at question 7 at http://www.gmskdvnode.info/

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeremy J Barbouttis
Sent: Wednesday, July 17, 2013 3:01 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Radio settings - Hotspot

Thanks Jim,

What should I put in the UrCall Field?

Also, is the Tx trimpot the screw thingy on the board?

I'll check diagrams when I get home.

Thanks

Jeremy

On 18/07/2013, at 6:11 AM, jim <jim@...> wrote:

This is where Echo Test is important. Make a long transmission with your D-Star radio, so there will be a long playback transmission to give you time to adjust the TX trimpot.

I now test boards using NAWinTEST with an ID-51A (same design as ID-31A), so it's likely you will find the correct TX trimpot setting.

Jim - K6JM

Sent via the Samsung Galaxy STIII

-------- Original message --------
From: Jeremy J Barbouttis <vk2mjm@...>
Date:
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Radio settings - Hotspot
Actually, it just occurred to me.

I am using an ID-31A, could that be the issue?

Thanks

Jeremy

On 18/07/2013, at 5:39 AM, Jeremy J Barbouttis <vk2mjm@...> wrote:

Hi All,

I finally gave my board a go, plugged in the PI and radio and there seems to be nothing happening.

I suppose I would have at least expected a beep after keying up??

I have plugged the 9-pin cable into the board and the back of my IC-7000.

And of course the board is connected to the pi via USB.

I have to admit I am not sure how to set the radio up - do I set it up like for the DVAP or do I have to fill in rpt1 and rpt2 fields?

If so, what with?

I have updated the firmware on the board, and done the requisite settings on the pi.

I do notice an orange light light up on the board when I key up.

Not sure what I should be doing at this point.

Any help appreciated.

Thanks

Jeremy

VK2MJM

10347. Re: GMSK Software

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-18 02:28:08 UTC
From: jorgenbodholdt
Topic: 10324 Message: 10347

Sorry it was a typo that should be winusb.dll

I have RICHTX32.OCX to c: Windows/System32 in Win7
When I run the RF Read I get the error message
Run-time error '339 '
Component 'RICHTX32.OCX' or one of its dependencies not Correctly
Registered: a file is missing or invalid

Jørgen

--- In gmsk_dv_node@yahoogroups.com, "J. M. Moen" <jim@...> wrote:
>
> Jørgen,
>
> You've received some good information already. But I have a question. You
> said you downloaded "winsum.dll". What is that? For Windows XP, you need
> to download winusb.zip, unzip it and move "winusb.dll" to
> c:Windows/System32. But you don't need or want that for Win7.
>
> When you say NAWinCFG does not work, can you give us more information? What
> happens when you try to run the program?
>
> Jim ☐ K6JM
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of Jørgen B
> Sent: Wednesday, July 17, 2013 9:08 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] GMSK Software
>
> Have tried 100 times can not get Star * Board GMSK Node Adapter to run with
> win 7
> can not get to work NAWinCFG
> have dowload winsum.dll and RICHTX32.OCX
> where are the files save her in the directory ?
>
> Jørgen Bodholdt - OZ3JBP
> 2610 Rødovre
> ___
>

10348. RE: [gmsk_dv_node] Re: GMSK Software

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-18 03:05:17 UTC
From: J. M. Moen
Topic: 10324 Message: 10348

OK, you are almost there. Now you need to register it. Since you are running 32 bit Win7 and have moved the file to c:/windows/system32, do the following:

* Click the Windows ☐Start☐ icon and type cmd. Click on cmd.exe to open a command window
* Type: regsvr32 \windows\system32\RICHTX32.OCX

Jim ☐ K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of jorgenbodholdt
Sent: Wednesday, July 17, 2013 7:28 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: GMSK Software
Sorry it was a typo that should be winusb.dll

I have RICHTX32.OCX to c: Windows/System32 in Win7
When I run the RF Read I get the error message
Run-time error '339 '
Component 'RICHTX32.OCX' or one of its dependencies not Correctly Registered: a file is missing or invalid

Jørgen

--- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>, "J. M. Moen" <jim@...> wrote:
>
> Jørgen,
>
> You've received some good information already. But I have a question. You
> said you downloaded "winsum.dll". What is that? For Windows XP, you need
> to download winusb.zip, unzip it and move "winusb.dll" to
> c:Windows/System32. But you don't need or want that for Win7.
>
> When you say NAWinCFG does not work, can you give us more information? What
> happens when you try to run the program?
>
> Jim ☐ K6JM
>
> From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com> [mailto:gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>] On
> Behalf Of Jørgen B
> Sent: Wednesday, July 17, 2013 9:08 AM

> To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
> Subject: [gmsk_dv_node] GMSK Software
>
> Have tried 100 times can not get Star * Board GMSK Node Adapter to run
with
> win 7
> can not get to work NAWinCFG
> have dowload winsum.dll and RICHTX32.OCX
> where are the files save her in the directory ?
>
> Jørgen Bodholdt - OZ3JBP

10349. Re: GMSK Software

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-18 03:33:12 UTC
From: jorgenbodholdt
Topic: 10324 Message: 10349

1000 thanks

I also have another PC 64 bit, what about it?

Jørgen

--- In gmsk_dv_node@yahoogroups.com, "J. M. Moen" <jim@...> wrote:
>
> OK, you are almost there. Now you need to register it. Since you are
> running 32 bit Win7 and have moved the file to c:/windows/system32, do the
> following:
>
> * Click the Windows "Start" icon and type cmd. Click on cmd.exe to
> open a command window
> * Type: regsvr32 \windows\system32\RICHTX32.OCX
>
> Jim ☐ K6JM
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of jorgenbodholdt
> Sent: Wednesday, July 17, 2013 7:28 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Re: GMSK Software
> Sorry it was a typo that should be winusb.dll
>
> I have RICHTX32.OCX to c: Windows/System32 in Win7
> When I run the RF Read I get the error message
> Run-time error '339 '
> Component 'RICHTX32.OCX' or one of its dependencies not Correctly
> Registered: a file is missing or invalid
>
> Jørgen
>
> --- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
> , "J. M. Moen" <jim@> wrote:
> >
> > Jørgen,
> >
> > You've received some good information already. But I have a question. You
> > said you downloaded "winsum.dll". What is that? For Windows XP, you need
> > to download winusb.zip, unzip it and move "winusb.dll" to
> > c:Windows/System32. But you don't need or want that for Win7.
> >
> > When you say NAWinCFG does not work, can you give us more information?
> What

> > happens when you try to run the program?
> >
> > Jim ☐ K6JM
> >
> > From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
> [mailto:gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
>] On
> > Behalf Of Jørgen B
> > Sent: Wednesday, July 17, 2013 9:08 AM
> > To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
> > Subject: [gmsk_dv_node] GMSK Software
> >
> > Have tried 100 times can not get Star * Board GMSK Node Adapter to run
> with
> > win 7
> > can not get to work NAWinCFG
> > have dowload winsum.dll and RICHTX32.OCX
> > where are the files save her in the directory ?
> >
> > Jørgen Bodholdt - OZ3JBP
>

10350. RE: [gmsk_dv_node] Re: GMSK Software

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-18 03:58:28 UTC
From: J. M. Moen
Topic: 10324 Message: 10350

The RICHTX32.OCX problem for 64 bit Win7 is covered in question 11 of the FAQ at http://www.gmskdvnode.info/

Hint: the solution is at http://angrybyte.com/windows-hacks/richtx32-ocx-for-64-bit-windows-7-vista/

Jim ☐ K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@...m] On Behalf Of jorgenbodholdt
Sent: Wednesday, July 17, 2013 8:33 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: GMSK Software
1000 thanks

I also have another PC 64 bit, what about it?

Jørgen

--- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
, "J. M. Moen" <jim@...> wrote:
>
> OK, you are almost there. Now you need to register it. Since you are
> running 32 bit Win7 and have moved the file to c:/windows/system32, do the
> following:
>
> * Click the Windows "Start" icon and type cmd. Click on cmd.exe to
> open a command window
> * Type: regsvr32 \windows\system32\RICHTX32.OCX
>
> Jim ☐ K6JM
>
> From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
[mailto:gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
] On
> Behalf Of jorgenbodholdt
> Sent: Wednesday, July 17, 2013 7:28 PM
> To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
> Subject: [gmsk_dv_node] Re: GMSK Software
> Sorry it was a typo that should be winusb.dll
>
> I have RICHTX32.OCX to c: Windows/System32 in Win7
> When I run the RF Read I get the error message
> Run-time error '339 '
> Component 'RICHTX32.OCX' or one of its dependencies not Correctly
> Registered: a file is missing or invalid

>
> Jørgen

10351. Re: GMSK Software

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-18 04:07:30 UTC
From: jorgenbodholdt
Topic: 10324 Message: 10351

1000 thanks

73 de OZ3JBP Jørgen

--- In gmsk_dv_node@yahoogroups.com, "J. M. Moen" <jim@...> wrote:
>
> The RICHTX32.OCX problem for 64 bit Win7 is covered in question 11 of the
> FAQ at http://www.gmskdvnode.info/
>
> Hint: the solution is at
> http://angrybyte.com/windows-hacks/richtx32-ocx-for-64-bit-windows-7-vista/
>
> Jim ☐ K6JM
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of jorgenbodholdt
> Sent: Wednesday, July 17, 2013 8:33 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Re: GMSK Software
> 1000 thanks
>
> I also have another PC 64 bit, what about it?
>
> Jørgen
>
> --- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
> , "J. M. Moen" <jim@> wrote:
> >
> > OK, you are almost there. Now you need to register it. Since you are
> > running 32 bit Win7 and have moved the file to c:/windows/system32, do the
> > following:
> >
> > * Click the Windows "Start" icon and type cmd. Click on cmd.exe to
> > open a command window
> > * Type: regsvr32 \windows\system32\RICHTX32.OCX
> >
> > Jim ☐ K6JM
> >
> > From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
> [mailto:gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
>] On
> > Behalf Of jorgenbodholdt
> > Sent: Wednesday, July 17, 2013 7:28 PM
> > To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>

> > Subject: [gmsk_dv_node] Re: GMSK Software
> > Sorry it was a typo that should be winusb.dll
> >
> > I have RICHTX32.OCX to c: Windows/System32 in Win7
> > When I run the RF Read I get the error message
> > Run-time error '339 '
> > Component 'RICHTX32.OCX' or one of its dependencies not Correctly
> > Registered: a file is missing or invalid
> >
> > Jørgen
>

10352. Re: [gmsk_dv_node] Friendcom FC-301 > Hotspot ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-17 20:53:15 UTC
From: Adrian
Topic: 10323 Message: 10352

I am looking at using one of these;

FC-301/D Data Radio - VHF

ifo:
https://www.argentdata.com/catalog/product_info.php?products_id=110

Spec:

https://www.argentdata.com/support/FC301D_User_Manual.pdf

I want to see if others have used these, and if so comments please? and
if it would be plug n play with a Moencomm board?

Adrian ... vk4tux

10353. RE: [gmsk_dv_node] Friendcom FC-301 > Hotspot ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-19 09:22:35 UTC
From: Fred PA4YBR
Topic: 10323 Message: 10353

Yes, these work fine, as long as you don't run them too hot. It *can* do 5W of RF,
but you won't be needing your grill in the backyard anymore... you can slap the
steaks on your hotspot if you do :)

Run it at 1W or 2W, and all is just dandy.

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Adrian
Sent: Wednesday, July 17, 2013 10:53 PM
To: gmsk_dv_node@yahoogroups.com
Cc: Amateur_Radio_Experimenters_Corner@yahoogroups.com
Subject: Re: [gmsk_dv_node] Friendcom FC-301 > Hotspot ?

I am looking at using one of these;

FC-301/D Data Radio - VHF
<https://www.argentdata.com/catalog/images/fc301d-vhf1.jpg>

ifo: https://www.argentdata.com/catalog/product_info.php?products_id=110

Spec:

https://www.argentdata.com/support/FC301D_User_Manual.pdf

<http://vk4tux.no-ip.org/DB9-1.jpg>

<http://vk4tux.no-ip.org/DB9-2.jpg>

I want to see if others have used these, and if so comments please? and if it would be plug n play with a Moencomm board?

Adrian ... vk4tux

10354. Re: Friendcom FC-301 > Hotspot ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-19 10:52:05 UTC
From: jorgenbodholdt
Topic: 10323 Message: 10354

it will not be fast hot ?

Jørgen

--- In gmsk_dv_node@yahoogroups.com, "Fred PA4YBR" <fred@...> wrote:
>
> Yes, these work fine, as long as you don't run them too hot. It *can* do 5W
> of RF,
> but you won't be needing your grill in the backyard anymore... you can slap
> the
> steaks on your hotspot if you do :)
>
> Run it at 1W or 2W, and all is just dandy.
>
> --fred
>
> _____
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of Adrian
> Sent: Wednesday, July 17, 2013 10:53 PM
> To: gmsk_dv_node@yahoogroups.com
> Cc: Amateur_Radio_Experimenters_Corner@yahoogroups.com
> Subject: Re: [gmsk_dv_node] Friendcom FC-301 > Hotspot ?
>
>
>
>
>
> I am looking at using one of these;
>
>
> FC-301/D Data Radio - VHF
> <https://www.argentdata.com/catalog/images/fc301d-vhf1.jpg>
>
> ifo: https://www.argentdata.com/catalog/product_info.php?products_id=110
>
> Spec:
>
> https://www.argentdata.com/support/FC301D_User_Manual.pdf
>
> <http://vk4tux.no-ip.org/DB9-1.jpg>
>
> <http://vk4tux.no-ip.org/DB9-2.jpg>
>
> I want to see if others have used these, and if so comments please? and if

> it would be plug n play with a Moencomm board?
>
> Adrian ... vk4tux
>

10355. RE: [gmsk_dv_node] Re: Friendcom FC-301 > Hotspot ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-19 11:11:55 UTC
From: J. M. Moen
Topic: 10323 Message: 10355

We generally advise hotspot builders using larger analog radios (for example, 50 watts), to run them at 5 or at most 10 watts. A D-Star hotspot can have long duty cycles, up to 100% if linked to a reflector running a net.

It is possible to add extra heat sync and fans, which might allow the transmitter to run at higher power.

In the case of the Friendcom transceivers, Fred is recommending running them at 1 or 2 watts. If you ask them to transmit at 5 watts for any length of time, you may regret it.

I think DVAPs run at 10 milliwatts, so a Friendcom at 1 watt will have a very powerful signal by comparison.

Jim ☐ K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of jorgenbodholdt
Sent: Friday, July 19, 2013 3:52 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Friendcom FC-301 > Hotspot ?
it will not be fast hot ?

Jørgen

--- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
, "Fred PA4YBR" <fred@...> wrote:
>
> Yes, these work fine, as long as you don't run them too hot. It *can* do
5W
> of RF,
> but you won't be needing your grill in the backyard anymore... you can
slap
> the
> steaks on your hotspot if you do :)
>
> Run it at 1W or 2W, and all is just dandy.
>
> --fred
·–’–––

10356. RE: [gmsk_dv_node] Re: Friendcom FC-301 > Hotspot ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-19 20:40:29 UTC
From: Fred PA4YBR
Topic: 10323 Message: 10356

Correct.

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of jorgenbodholdt
Sent: Friday, July 19, 2013 12:52 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Friendcom FC-301 > Hotspot ?

it will not be fast hot ?

Jørgen

--- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>, "Fred PA4YBR" <fred@...> wrote:
>
> Yes, these work fine, as long as you don't run them too hot. It *can* do 5W
> of RF,
> but you won't be needing your grill in the backyard anymore... you can slap
> the
> steaks on your hotspot if you do :)
>
> Run it at 1W or 2W, and all is just dandy.
>
> --fred
>
> _____
>
> From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com> [mailto:gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>] On
> Behalf Of Adrian
> Sent: Wednesday, July 17, 2013 10:53 PM
> To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
> Cc: Amateur_Radio_Experimenters_Corner@yahoogroups.com <mailto:Amateur_Radio_Experimenters_Corner%40yahoogroups.com>
> Subject: Re: [gmsk_dv_node] Friendcom FC-301 > Hotspot ?
>
>
>
>
> I am looking at using one of these;
>

>
> FC-301/D Data Radio - VHF
> <https://www.argentdata.com/catalog/images/fc301d-vhf1.jpg>
>
> ifo: https://www.argentdata.com/catalog/product_info.php?products_id=110
>
> Spec:
>
> https://www.argentdata.com/support/FC301D_User_Manual.pdf
>
> <http://vk4tux.no-ip.org/DB9-1.jpg>
>
> <http://vk4tux.no-ip.org/DB9-2.jpg>
>
> I want to see if others have used these, and if so comments please? and if
> it would be plug n play with a Moencomm board?
>
> Adrian ... vk4tux
>

10357. Re: [gmsk_dv_node] Re: Friendcom FC-301 > Hotspot ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-19 21:13:17 UTC
From: Rudy Benner
Topic: 10323 Message: 10357
Attachments: 1 described; binary payloads are missing from this source WARC

This is the heat sink I use, I run at 5 watts, does not even get warm after extended use on nets.

ve3bdr

From: Fred PA4YBR
Sent: Friday, July 19, 2013 4:40 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: Friendcom FC-301 > Hotspot ?

Correct.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of jorgenbodholdt
Sent: Friday, July 19, 2013 12:52 PM
To: gmsk_dv_node@...m
Subject: [gmsk_dv_node] Re: Friendcom FC-301 > Hotspot ?

it will not be fast hot ?

Jørgen

--- In mailto:gmsk_dv_node%40yahoogroups.com, "Fred PA4YBR" <fred@...> wrote:
>
> Yes, these work fine, as long as you don't run them too hot. It *can* do 5W
> of RF,
> but you won't be needing your grill in the backyard anymore... you can slap
> the
> steaks on your hotspot if you do :)
>
> Run it at 1W or 2W, and all is just dandy.
>
> --fred
>
> _____
>
> From: mailto:gmsk_dv_node%40yahoogroups.com
[mailto:mailto:gmsk_dv_node%40yahoogroups.com] On
> Behalf Of Adrian
> Sent: Wednesday, July 17, 2013 10:53 PM
> To: mailto:gmsk_dv_node%40yahoogroups.com
> Cc: mailto:Amateur_Radio_Experimenters_Corner%40yahoogroups.com
> Subject: Re: [gmsk_dv_node] Friendcom FC-301 > Hotspot ?
>
>

>
>
> I am looking at using one of these;
>
>
> FC-301/D Data Radio - VHF
> <https://www.argentdata.com/catalog/images/fc301d-vhf1.jpg>
>
> ifo: https://www.argentdata.com/catalog/product_info.php?products_id=110
>
> Spec:
>
> https://www.argentdata.com/support/FC301D_User_Manual.pdf
>
> <http://vk4tux.no-ip.org/DB9-1.jpg>
>
> <http://vk4tux.no-ip.org/DB9-2.jpg>
>
> I want to see if others have used these, and if so comments please? and if
> it would be plug n play with a Moencomm board?
>
> Adrian ... vk4tux
>

10358. RE: [gmsk_dv_node] Re: Friendcom FC-301 > Hotspot ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-20 09:46:02 UTC
From: Fred PA4YBR
Topic: 10323 Message: 10358
Attachments: 1 described; binary payloads are missing from this source WARC

OOooo, friendcoms on steroids! :)

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Rudy Benner
Sent: Friday, July 19, 2013 11:13 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Re: Friendcom FC-301 > Hotspot ?

DSC_6367

This is the heat sink I use, I run at 5 watts, does not even get warm after extended use on nets.

ve3bdr

From: Fred PA4YBR <mailto:fred@dutch-star.eu>
Sent: Friday, July 19, 2013 4:40 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: Friendcom FC-301 > Hotspot ?

Correct.

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of jorgenbodholdt
Sent: Friday, July 19, 2013 12:52 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Friendcom FC-301 > Hotspot ?

it will not be fast hot ?

Jørgen

--- In mailto:gmsk_dv_node%40yahoogroups.com, "Fred PA4YBR" <fred@...> wrote:
>
> Yes, these work fine, as long as you don't run them too hot. It *can* do 5W
> of RF,
> but you won't be needing your grill in the backyard anymore... you can slap
> the

> steaks on your hotspot if you do :)
>
> Run it at 1W or 2W, and all is just dandy.
>
> --fred
>
> _____
>
> From: mailto:gmsk_dv_node%40yahoogroups.com
[mailto:mailto:gmsk_dv_node%40yahoogroups.com] On
> Behalf Of Adrian
> Sent: Wednesday, July 17, 2013 10:53 PM
> To: mailto:gmsk_dv_node%40yahoogroups.com
> Cc: mailto:Amateur_Radio_Experimenters_Corner%40yahoogroups.com
> Subject: Re: [gmsk_dv_node] Friendcom FC-301 > Hotspot ?
>
>
>
>
> I am looking at using one of these;
>
>
> FC-301/D Data Radio - VHF
> <https://www.argentdata.com/catalog/images/fc301d-vhf1.jpg>
>
> ifo: https://www.argentdata.com/catalog/product_info.php?products_id=110
>
> Spec:
>
> https://www.argentdata.com/support/FC301D_User_Manual.pdf
>
> <http://vk4tux.no-ip.org/DB9-1.jpg>
>
> <http://vk4tux.no-ip.org/DB9-2.jpg>
>
> I want to see if others have used these, and if so comments please? and if
> it would be plug n play with a Moencomm board?
>
> Adrian ... vk4tux
>

10359. Re: [gmsk_dv_node] Radio settings - Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-20 09:55:30 UTC
From: Jeremy J Barbouttis
Topic: 10337 Message: 10359

Thanks Jim,

I am also wondering of I need to put anything in the R 1 and R 2 fields on the radio for hotspots?

Thanks

Jeremy
VK2MJM

On 18/07/2013, at 11:14 AM, J. M. Moen <jim@...> wrote:

>
> Normally just put CQCQCQ in URCall of your D-Star radio. But it doesn't matter while testing with NAWinTEST.
>
>
>
> You asked where is the TX trimpot? Every board has a different way to set theTransmit audio level that goes into the analog radio. On the Star*Board, this is potentiometer R36. Look at the back page of your User Manual for the board's layout diagram. There are three potentiometers (pots) on this board. Position the board with the USB and DSub connector at the top, and the LEDs and the jumper pins for SW4 and SW3 at the bottom. The two pots are at the left. R36 is the one on top – the TX trim pot.
>
>
>
> Each radio can require a different amount of TX audio drive to produce the correct deviation expected by D-Star receivers. For most radios, the correct setting is between 12 o'clock and 3 o'clock.
>
>
>
> Once RF Read is working, then try Echo Test. For the procedure, look at question 7 at http://www.gmskdvnode.info/
>
>
>
> Jim – K6JM
>
>
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeremy J Barbouttis
> Sent: Wednesday, July 17, 2013 3:01 PM
> To: gmsk_dv_node@yahoogroups.com

> Subject: Re: [gmsk_dv_node] Radio settings - Hotspot
>
> Thanks Jim,
>
> What should I put in the UrCall Field?
>
>
>
> Also, is the Tx trimpot the screw thingy on the board?
>
>
>
> I'll check diagrams when I get home.
>
>
>
> Thanks
>
>
>
> Jeremy
>
>
>
> On 18/07/2013, at 6:11 AM, jim <jim@k6jm.com> wrote:
>
> This is where Echo Test is important. Make a long transmission with your D-Star radio, so there will be a long playback transmission to give you time to adjust the TX trimpot.
>
>
>
> I now test boards using NAWinTEST with an ID-51A (same design as ID-31A), so it's likely you will find the correct TX trimpot setting.
>
>
>
> Jim - K6JM
>
>
>
> Sent via the Samsung Galaxy S™III
>
> -------- Original message --------
> From: Jeremy J Barbouttis <vk2mjm@...>
> Date:
> To: gmsk_dv_node@yahoogroups.com
> Subject: Re: [gmsk_dv_node] Radio settings - Hotspot
> Actually, it just occurred to me.
>
>

>
> I am using an ID-31A, could that be the issue?
>
>
>
> Thanks
>
>
>
> Jeremy
>
>
>
> On 18/07/2013, at 5:39 AM, Jeremy J Barbouttis <vk2mjm@...> wrote:
>
> Hi All,
>
> I finally gave my board a go, plugged in the PI and radio and there seems to be nothing happening.
>
> I suppose I would have at least expected a beep after keying up??
>
> I have plugged the 9-pin cable into the board and the back of my IC-7000.
>
> And of course the board is connected to the pi via USB.
>
> I have to admit I am not sure how to set the radio up - do I set it up like for the DVAP or do I have to fill in rpt1 and rpt2 fields?
>
> If so, what with?
>
> I have updated the firmware on the board, and done the requisite settings on the pi.
>
> I do notice an orange light light up on the board when I key up.
>
> Not sure what I should be doing at this point.
>
> Any help appreciated.
>
> Thanks
>
> Jeremy
>
> VK2MJM
>
>
>

10360. Re: Radio settings - Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-20 10:03:03 UTC
From: jorgenbodholdt
Topic: 10337 Message: 10360

Remember also -DUP or +DUP -0.000kz

Jørgen

--- In gmsk_dv_node@yahoogroups.com, Jeremy J Barbouttis <vk2mjm@...> wrote:
>
> Thanks Jim,
>
>
> I am also wondering of I need to put anything in the R 1 and R 2 fields on the radio for hotspots?
>
> Thanks
>
> Jeremy
> VK2MJM
>
>
> On 18/07/2013, at 11:14 AM, J. M. Moen <jim@...> wrote:
>
> > > Normally just put CQCQCQ in URCall of your D-Star radio. But it doesn't matter while testing with NAWinTEST.
> > >
> > >
> > > You asked where is the TX trimpot? Every board has a different way to set theTransmit audio level that goes into the analog radio. On the Star*Board, this is potentiometer R36. Look at the back page of your User Manual for the board's layout diagram. There are three potentiometers (pots) on this board. Position the board with the USB and DSub connector at the top, and the LEDs and the jumper pins for SW4 and SW3 at the bottom. The two pots are at the left. R36 is the one on top ☐ the TX trim pot.
> > >
> > >
> > > Each radio can require a different amount of TX audio drive to produce the correct deviation expected by D-Star receivers. For most radios, the correct setting is between 12 o'clock and 3 o'clock.
> > >
> > >
> > > Once RF Read is working, then try Echo Test. For the procedure, look at question 7 at http://www.gmskdvnode.info/
> > >
> > >
> > > Jim ☐ K6JM
> > >

> >
> >
> > From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeremy J Barbouttis
> > Sent: Wednesday, July 17, 2013 3:01 PM
> > To: gmsk_dv_node@yahoogroups.com
> > Subject: Re: [gmsk_dv_node] Radio settings - Hotspot
> >
> > Thanks Jim,
> >
> > What should I put in the UrCall Field?
> >
> >
> >
> > Also, is the Tx trimpot the screw thingy on the board?
> >
> >
> >
> > I'll check diagrams when I get home.
> >
> >
> >
> > Thanks
> >
> >
> >
> > Jeremy
> >
> >
> >
> > On 18/07/2013, at 6:11 AM, jim <jim@...> wrote:
> >
> > This is where Echo Test is important. Make a long transmission with your D-Star radio, so there will be a long playback transmission to give you time to adjust the TX trimpot.
> >
> >
> >
> > I now test boards using NAWinTEST with an ID-51A (same design as ID-31A), so it's likely you will find the correct TX trimpot setting.
> >
> >
> >
> > Jim - K6JM
> >
> >
> >
> > Sent via the Samsung Galaxy S□III
> >
> > -------- Original message --------

> > From: Jeremy J Barbouttis <vk2mjm@...>
> > Date:
> > To: gmsk_dv_node@yahoogroups.com
> > Subject: Re: [gmsk_dv_node] Radio settings - Hotspot
> > Actually, it just occurred to me.
> >
> >
> >
> > I am using an ID-31A, could that be the issue?
> >
> >
> >
> > Thanks
> >
> >
> >
> > Jeremy
> >
> >
> >
> > On 18/07/2013, at 5:39 AM, Jeremy J Barbouttis <vk2mjm@...> wrote:
> >
> > Hi All,
> >
> > I finally gave my board a go, plugged in the PI and radio and there seems to be nothing happening.
> >
> > I suppose I would have at least expected a beep after keying up??
> >
> > I have plugged the 9-pin cable into the board and the back of my IC-7000.
> >
> > And of course the board is connected to the pi via USB.
> >
> > I have to admit I am not sure how to set the radio up - do I set it up like for the DVAP or do I have to fill in rpt1 and rpt2 fields?
> >
> > If so, what with?
> >
> > I have updated the firmware on the board, and done the requisite settings on the pi.
> >
> > I do notice an orange light light up on the board when I key up.
> >
> > Not sure what I should be doing at this point.
> >
> > Any help appreciated.
> >
> > Thanks
> >
> > Jeremy
> >

> > VK2MJM
> >
> >
> >
>

10361. Re: [gmsk_dv_node] Re: Radio settings - Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-20 10:23:00 UTC
From: Jeremy J Barbouttis
Topic: 10337 Message: 10361

Hi Jorgen,

Yes, That bit I have as I have either used my 2820 or DVAP hotspot, so my radio is set up like that.

I just don't know whether I am support to put something in the other settings fields, or leave it black.

Don't quit get that one, and cannot find it anywhere on the Internet.

Thanks

Jeremy
VK2MJM

On 20/07/2013, at 8:03 PM, jorgenbodholdt <oz3jbp@hotmail.com> wrote:

> Remember also -DUP or +DUP -0.000kz
>
> Jørgen
>
> --- In gmsk_dv_node@yahoogroups.com, Jeremy J Barbouttis <vk2mjm@...> wrote:
> >
> > Thanks Jim,
> >
> >
> > I am also wondering of I need to put anything in the R 1 and R 2 fields on the radio for hotspots?
> >
> > Thanks
> >
> > Jeremy
> > VK2MJM
> >
> >
> > On 18/07/2013, at 11:14 AM, J. M. Moen <jim@...> wrote:
> >
> > >
> > > Normally just put CQCQCQ in URCall of your D-Star radio. But it doesn't matter while testing with NAWinTEST.
> > >
> > >
> > >
> > > You asked where is the TX trimpot? Every board has a different way to set theTransmit audio level that goes into the analog radio. On the Star*Board, this is potentiometer R36. Look at the back page of your User Manual for the board's layout diagram. There are three potentiometers (pots) on this board. Position the board with the USB and DSub connector at

the top, and the LEDs and the jumper pins for SW4 and SW3 at the bottom. The two pots are at the left. R36 is the one on top – the TX trim pot.
> > >
> > >
> > >
> > > Each radio can require a different amount of TX audio drive to produce the correct deviation expected by D-Star receivers. For most radios, the correct setting is between 12 o'clock and 3 o'clock.
> > >
> > >
> > >
> > > Once RF Read is working, then try Echo Test. For the procedure, look at question 7 at http://www.gmskdvnode.info/
> > >
> > >
> > >
> > > Jim – K6JM
> > >
> > >
> > >
> > > From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeremy J Barbouttis
> > > Sent: Wednesday, July 17, 2013 3:01 PM
> > > To: gmsk_dv_node@yahoogroups.com
> > > Subject: Re: [gmsk_dv_node] Radio settings - Hotspot
> > >
> > > Thanks Jim,
> > >
> > > What should I put in the UrCall Field?
> > >
> > >
> > >
> > > Also, is the Tx trimpot the screw thingy on the board?
> > >
> > >
> > >
> > > I'll check diagrams when I get home.
> > >
> > >
> > >
> > > Thanks
> > >
> > >
> > >
> > > Jeremy
> > >
> > >
> > >
> > > On 18/07/2013, at 6:11 AM, jim <jim@...> wrote:
> > >
> > > This is where Echo Test is important. Make a long transmission with your D-Star

radio, so there will be a long playback transmission to give you time to adjust the TX trimpot.
> > >
> > >
> > >
> > > I now test boards using NAWinTEST with an ID-51A (same design as ID-31A), so it's likely you will find the correct TX trimpot setting.
> > >
> > >
> > >
> > > Jim - K6JM
> > >
> > >
> > >
> > > Sent via the Samsung Galaxy S™III
> > >
> > > -------- Original message --------
> > > From: Jeremy J Barbouttis <vk2mjm@...>
> > > Date:
> > > To: gmsk_dv_node@yahoogroups.com
> > > Subject: Re: [gmsk_dv_node] Radio settings - Hotspot
> > > Actually, it just occurred to me.
> > >
> > >
> > >
> > > I am using an ID-31A, could that be the issue?
> > >
> > >
> > >
> > > Thanks
> > >
> > >
> > >
> > > Jeremy
> > >
> > >
> > >
> > > On 18/07/2013, at 5:39 AM, Jeremy J Barbouttis <vk2mjm@...> wrote:
> > >
> > > Hi All,
> > >
> > > I finally gave my board a go, plugged in the PI and radio and there seems to be nothing happening.
> > >
> > > I suppose I would have at least expected a beep after keying up??
> > >
> > > I have plugged the 9-pin cable into the board and the back of my IC-7000.
> > >
> > > And of course the board is connected to the pi via USB.
> > >
> > > I have to admit I am not sure how to set the radio up - do I set it up like for the

DVAP or do I have to fill in rpt1 and rpt2 fields?
> > >
> > > If so, what with?
> > >
> > > I have updated the firmware on the board, and done the requisite settings on the pi.
> > >
> > > I do notice an orange light light up on the board when I key up.
> > >
> > > Not sure what I should be doing at this point.
> > >
> > > Any help appreciated.
> > >
> > > Thanks
> > >
> > > Jeremy
> > >
> > > VK2MJM
> > >
> > >
> > >
> >
>
>

10362. Re: [gmsk_dv_node] Re: Radio settings - Hotspot (Resend)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-20 10:31:08 UTC
From: Jeremy J Barbouttis
Topic: 10337 Message: 10362

Hi Jorgen,

(I am resending this message to make more sense.)

Yes, That bit I have as I have either used my 2820 as a cross band repeater or DVAP hotspot, so my radio is set up like that.

I just don't know whether I am supposed to put something in the other settings fields, or leave it black.

Don't quite get that one, and cannot find it anywhere on the Internet.

Thanks

Jeremy
VK2MJM

On 20/07/2013, at 8:03 PM, jorgenbodholdt <oz3jbp@hotmail.com> wrote:

> Remember also -DUP or +DUP -0.000kz
>
> Jørgen
>
> --- In gmsk_dv_node@yahoogroups.com, Jeremy J Barbouttis <vk2mjm@...> wrote:
> >
> > Thanks Jim,
> >
> >
> > I am also wondering of I need to put anything in the R 1 and R 2 fields on the radio for hotspots?
> >
> > Thanks
> >
> > Jeremy
> > VK2MJM
> >
> >
> > On 18/07/2013, at 11:14 AM, J. M. Moen <jim@...> wrote:
> >
> > >
> > > Normally just put CQCQCQ in URCall of your D-Star radio. But it doesn't matter while testing with NAWinTEST.
> > >
> > >
> > >
> > > You asked where is the TX trimpot? Every board has a different way to set theTransmit audio level that goes into the analog radio. On the Star*Board, this is potentiometer R36.

Look at the back page of your User Manual for the board's layout diagram. There are three potentiometers (pots) on this board. Position the board with the USB and DSub connector at the top, and the LEDs and the jumper pins for SW4 and SW3 at the bottom. The two pots are at the left. R36 is the one on top – the TX trim pot.
> > >
> > >
> > >
> > > Each radio can require a different amount of TX audio drive to produce the correct deviation expected by D-Star receivers. For most radios, the correct setting is between 12 o'clock and 3 o'clock.
> > >
> > >
> > >
> > > Once RF Read is working, then try Echo Test. For the procedure, look at question 7 at http://www.gmskdvnode.info/
> > >
> > >
> > >
> > > Jim – K6JM
> > >
> > >
> > >
> > > From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeremy J Barbouttis
> > > Sent: Wednesday, July 17, 2013 3:01 PM
> > > To: gmsk_dv_node@yahoogroups.com
> > > Subject: Re: [gmsk_dv_node] Radio settings - Hotspot
> > >
> > > Thanks Jim,
> > >
> > > What should I put in the UrCall Field?
> > >
> > >
> > >
> > > Also, is the Tx trimpot the screw thingy on the board?
> > >
> > >
> > >
> > > I'll check diagrams when I get home.
> > >
> > >
> > >
> > > Thanks
> > >
> > >
> > >
> > > Jeremy
> > >
> > >
> > >
> > > On 18/07/2013, at 6:11 AM, jim <jim@...> wrote:

> > >
> > > This is where Echo Test is important. Make a long transmission with your D-Star radio, so there will be a long playback transmission to give you time to adjust the TX trimpot.
> > >
> > >
> > >
> > > I now test boards using NAWinTEST with an ID-51A (same design as ID-31A), so it's likely you will find the correct TX trimpot setting.
> > >
> > >
> > >
> > > Jim - K6JM
> > >
> > >
> > >
> > > Sent via the Samsung Galaxy S™III
> > >
> > > -------- Original message --------
> > > From: Jeremy J Barbouttis <vk2mjm@...>
> > > Date:
> > > To: gmsk_dv_node@yahoogroups.com
> > > Subject: Re: [gmsk_dv_node] Radio settings - Hotspot
> > > Actually, it just occurred to me.
> > >
> > >
> > >
> > > I am using an ID-31A, could that be the issue?
> > >
> > >
> > >
> > > Thanks
> > >
> > >
> > >
> > > Jeremy
> > >
> > >
> > >
> > > On 18/07/2013, at 5:39 AM, Jeremy J Barbouttis <vk2mjm@...> wrote:
> > >
> > > Hi All,
> > >
> > > I finally gave my board a go, plugged in the PI and radio and there seems to be nothing happening.
> > >
> > > I suppose I would have at least expected a beep after keying up??
> > >
> > > I have plugged the 9-pin cable into the board and the back of my IC-7000.
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> > > And of course the board is connected to the pi via USB.
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> > >
> > > If so, what with?
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> > > I have updated the firmware on the board, and done the requisite settings on the pi.
> > >
> > > I do notice an orange light light up on the board when I key up.
> > >
> > > Not sure what I should be doing at this point.
> > >
> > > Any help appreciated.
> > >
> > > Thanks
> > >
> > > Jeremy
> > >
> > > VK2MJM
> > >
> > >
> > >
> >
>
>

10363. RE: [gmsk_dv_node] Re: Radio settings - Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-20 10:33:32 UTC
From: Fred PA4YBR
Topic: 10337 Message: 10363

Jim,

That's one for the FAQ. Pse find my message on Icom radios, simplex mode, DIRECT
and zero-shift setting.

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeremy J Barbouttis
Sent: Saturday, July 20, 2013 12:23 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Re: Radio settings - Hotspot

Hi Jorgen,

Yes, That bit I have as I have either used my 2820 or DVAP hotspot, so my radio is set up like that.

I just don't know whether I am support to put something in the other settings fields, or leave it black.

Don't quit get that one, and cannot find it anywhere on the Internet.

Thanks

Jeremy
VK2MJM

On 20/07/2013, at 8:03 PM, jorgenbodholdt <oz3jbp@hotmail.com> wrote:

Remember also -DUP or +DUP -0.000kz

Jørgen

--- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
, Jeremy J Barbouttis <vk2mjm@...> wrote:
>
> Thanks Jim,
>
>
> I am also wondering of I need to put anything in the R 1 and R 2 fields on
the radio for hotspots?
>
> Thanks
>

> Jeremy
> VK2MJM
>
>
> On 18/07/2013, at 11:14 AM, J. M. Moen <jim@...> wrote:
>
> >
> > Normally just put CQCQCQ in URCall of your D-Star radio. But it doesn't matter while testing with NAWinTEST.
> >
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> >
> >
> >
> > Jim ☐ K6JM
> >
> >
> >
> > From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com> [mailto:gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>] On Behalf Of Jeremy J Barbouttis
> > Sent: Wednesday, July 17, 2013 3:01 PM
> > To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>

> > Subject: Re: [gmsk_dv_node] Radio settings - Hotspot
> >
> > Thanks Jim,
> >
> > What should I put in the UrCall Field?

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> > Thanks
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> > Jeremy
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> > Jim - K6JM
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> >
> > Sent via the Samsung Galaxy S□III
> >
> > -------- Original message --------
> > From: Jeremy J Barbouttis <vk2mjm@...>
> > Date:
> > To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>

> > Subject: Re: [gmsk_dv_node] Radio settings - Hotspot
> > Actually, it just occurred to me.
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> > I am using an ID-31A, could that be the issue?

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> > Jeremy
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> > VK2MJM
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10364. Re: [gmsk_dv_node] Radio settings - Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-20 10:39:21 UTC
From: Jeremy J Barbouttis
Topic: 10337 Message: 10364

Hi Jim,

I understand that there are two trimpots, R36 (TX) & R1 (RX)

I plugged the board directly into my laptop USB and ran NAQinTEST.

It sees the board, so I keyed up with a long carrier, as suggested. The board is plugged into the radio (IC-7000) as well, obviously.

When I key up the LED1 gets brighter momentarily and LED11 lights up on the board.

When I de-key they go off.

While looking at the NAQinTEST RF Read screen, I could see no signal, nor change as I turned the R1 trimpot all the way from one side to the other, while transmitting.

I did the same for both trimpots, just in case I misunderstood.

I tried a few times and nothing.

I think I might be stumped here.

Any help appreciated.

Many thanks,

Jeremy
VK2MJM

On 18/07/2013, at 11:14 AM, J. M. Moen <jim@...> wrote:

>
> Normally just put CQCQCQ in URCall of your D-Star radio. But it doesn’t matter while testing with NAWinTEST.
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> You asked where is the TX trimpot? Every board has a different way to set theTransmit audio level that goes into the analog radio. On the Star*Board, this is potentiometer R36. Look at the back page of your User Manual for the board’s layout diagram. There are three potentiometers (pots) on this board. Position the board with the USB and DSub connector at the top, and the LEDs and the jumper pins for SW4 and SW3 at the bottom. The two pots are at the left. R36 is the one on top – the TX trim pot.
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> Once RF Read is working, then try Echo Test. For the procedure, look at question 7 at http://www.gmskdvnode.info/
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> Jim – K6JM
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> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeremy J Barbouttis
> Sent: Wednesday, July 17, 2013 3:01 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: Re: [gmsk_dv_node] Radio settings - Hotspot
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> Sent via the Samsung Galaxy S™III
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> -------- Original message --------
> From: Jeremy J Barbouttis <vk2mjm@...>
> Date:
> To: gmsk_dv_node@yahoogroups.com
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> Not sure what I should be doing at this point.
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> Any help appreciated.
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10365. RE: [gmsk_dv_node] Re: Radio settings - Hotspot (Resend)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-20 10:46:05 UTC
From: Fred PA4YBR
Topic: 10337 Message: 10365

Jeremy,

In SIMPLEX mode, Icom radios do not use what was configured (by the user) for the R1 and R2 values; it will override those with the "DIRECT__" value to indicate a direct (simplex, point-to-point) transmission. It will also not have the "RepeatMe" bit set in the header flags, simply because it was assumed that simplex transmissions will not have to be repeated.

So, if the hotspot is actually checking that stuff, it will ignore the transmission because it's not according to the specification.

Two fixes are possible:

1. At (each) radio, force the radio to not actually use Simplex mode by setting a duplex mode (DUP+ or DUP-), but then set the offset frequency to 0MHz. It then looks like simplex, but is not, so it will send out the configured R1/R2 stuff, as well as the RepeatMe bit. This has to be done for EACH radio that is going to be used.

2. At the hotspot side, configure the software to "understand" simplex mode, and to treat any incoming simplex call as if it were sent as above, and blindly "fix up" the received header to be correct.

I prefer the latter solution, but not all hotspot software allows for that. So, if you are using hotspot software that does NOT know about "fixing simplex", you will have to use the first option.

In general, R1 is the "entrypoint repeater" (where you "go into the system", the RF port of the repeater/hotspot you are using. R2 is defined as "exit point out of the system", as seen from you radio's point of view. In practise, this is almost always set to the "gateway" side of the repeater you are using, which is its callsign with the "G" terminal:

MY: PA4YBR
UR: CQCQCQ
R1: PI1BSM_B ' 70cm repeater port
R2: PI1BSM_G ' gateway of repeater

Cheers,

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeremy J Barbouttis
Sent: Saturday, July 20, 2013 12:31 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Re: Radio settings - Hotspot (Resend)

Hi Jorgen,

(I am resending this message to make more sense.)

Yes, That bit I have as I have either used my 2820 as a cross band repeater or DVAP hotspot, so my radio is set up like that.

I just don't know whether I am supposed to put something in the other settings fields, or leave it black.

Don't quite get that one, and cannot find it anywhere on the Internet.

Thanks

Jeremy
VK2MJM

On 20/07/2013, at 8:03 PM, jorgenbodholdt <oz3jbp@...> wrote:

Remember also -DUP or +DUP -0.000kz

Jørgen

--- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>, Jeremy J Barbouttis <vk2mjm@...> wrote:
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> Thanks Jim,
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> > Sent: Wednesday, July 17, 2013 3:01 PM
> > To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
> > Subject: Re: [gmsk_dv_node] Radio settings - Hotspot
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> > From: Jeremy J Barbouttis <vk2mjm@...>
> > Date:
> > To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>

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10366. Re: [gmsk_dv_node] Re: Radio settings - Hotspot (Resend)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-20 10:52:47 UTC
From: Jeremy J Barbouttis
Topic: 10337 Message: 10366

Hi Fred,

Thank you very much for this comprehensive reply.

I have the radio set up accordingly, I think my next confusion is knowing what the entry R1 and exit R2 points are.

How do I figure that one out?

I registered some additional call signs, but I don't know how to use them beyond what you have explained.

In other words, how do I figure out my values for the following:

> R1: PI1BSM_B ' 70cm repeater port
> R2: PI1BSM_G ' gateway of repeater

Many thanks,

Jeremy

On 20/07/2013, at 8:46 PM, Fred PA4YBR <fred@...> wrote:

>
> Jeremy,
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> for the R1 and R2 values; it will override those with the "DIRECT__" value to
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> 2. At the hotspot side, configure the software to "understand" simplex mode,
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> "fix up" the received header to be correct.
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> MY: PA4YBR
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> Cheers,
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> Fred
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> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of
Jeremy J Barbouttis
> Sent: Saturday, July 20, 2013 12:31 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: Re: [gmsk_dv_node] Re: Radio settings - Hotspot (Resend)
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>> > > Subject: Re: [gmsk_dv_node] Radio settings - Hotspot
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>> > > To: gmsk_dv_node@yahoogroups.com
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10367. RE: [gmsk_dv_node] Re: Radio settings - Hotspot (Resend)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-20 11:00:55 UTC
From: Fred PA4YBR
Topic: 10337 Message: 10367

Its the callsign of your hotspot.

If you have that set to your own callsign, remember to add the proper terminal. By convention, a user's radio has no terminal (it's there, but it is a SPACE character), a gateway is a 'G'. RF ports of repeaters (and hotspots) use a letter to identify on which RF band they are, being A=23cm, B=70cm, C=2m. We often use 'D' for Dongles.

In the hotspot software, you had to "set a callsign" somewhere. That is the callsign needed for R1/R2. R1 then gets the callsign with one of the A/B/C terminals (depending on which band you are running), and R2 gets the 'G' terminal:

In your radio:

MY = VK2MJM
UR = CQCQCQ
R1 = VK2MJM_B
R2 = VK2MJM_G

assuming you are on 70cm, and "VK2MJM_B" was configured in the hotspot software you are using. For 2meters, it would be "VK2MJM_C".

If you are using a "real" repeater/club callsign for the hotspot, substitute that in the above..

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeremy J Barbouttis
Sent: Saturday, July 20, 2013 12:53 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Re: Radio settings - Hotspot (Resend)

Hi Fred,

Thank you very much for this comprehensive reply.

I have the radio set up accordingly, I think my next confusion is knowing what the entry R1 and exit R2 points are.

How do I figure that one out?

I registered some additional call signs, but I don't know how to use them beyond what you have explained.

In other words, how do I figure out my values for the following:

R1: PI1BSM_B ' 70cm repeater port
R2: PI1BSM_G ' gateway of repeater

Many thanks,

Jeremy

On 20/07/2013, at 8:46 PM, Fred PA4YBR <fred@...> wrote:

Jeremy,

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So, if the hotspot is actually checking that stuff, it will ignore the transmission because it's not according to the specification.

Two fixes are possible:

1. At (each) radio, force the radio to not actually use Simplex mode by setting a duplex mode (DUP+ or DUP-), but then set the offset frequency to 0MHz. It then looks like simplex, but is not, so it will send out the configured R1/R2 stuff, as well as the RepeatMe bit. This has to be done for EACH radio that is going to be used.

2. At the hotspot side, configure the software to "understand" simplex mode, and to treat any incoming simplex call as if it were sent as above, and blindly "fix up" the received header to be correct.

I prefer the latter solution, but not all hotspot software allows for that. So, if you are using hotspot software that does NOT know about "fixing simplex", you will have to use the first option.

In general, R1 is the "entrypoint repeater" (where you "go into the system", the RF port of the repeater/hotspot you are using. R2 is defined as "exit point out of the system", as seen from you radio's point of view. In practise, this is almost always set to the "gateway" side of the repeater you are using, which is its

callsign with the "G" terminal:

MY: PA4YBR
UR: CQCQCQ
R1: PI1BSM_B ' 70cm repeater port
R2: PI1BSM_G ' gateway of repeater

Cheers,

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeremy J Barbouttis
Sent: Saturday, July 20, 2013 12:31 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Re: Radio settings - Hotspot (Resend)

Hi Jorgen,

(I am resending this message to make more sense.)

Yes, That bit I have as I have either used my 2820 as a cross band repeater or DVAP hotspot, so my radio is set up like that.

I just don't know whether I am supposed to put something in the other settings fields, or leave it black.

Don't quite get that one, and cannot find it anywhere on the Internet.

Thanks

Jeremy
VK2MJM

On 20/07/2013, at 8:03 PM, jorgenbodholdt <oz3jbp@...> wrote:

Remember also -DUP or +DUP -0.000kz

Jørgen

--- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>, Jeremy J Barbouttis <vk2mjm@...> wrote:
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> Thanks Jim,
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> > Sent: Wednesday, July 17, 2013 3:01 PM
> > To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>

> > Subject: Re: [gmsk_dv_node] Radio settings - Hotspot
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> > Sent via the Samsung Galaxy S□III
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> > -------- Original message --------
> > From: Jeremy J Barbouttis <vk2mjm@...>
> > Date:
> > To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>

> > Subject: Re: [gmsk_dv_node] Radio settings - Hotspot
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10368. Re: [gmsk_dv_node] Re: Radio settings - Hotspot (Resend)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-20 11:29:18 UTC
From: Jeremy J Barbouttis
Topic: 10337 Message: 10368

Hi Fred,

Thanks.

Now that is very clear.

Thank you for your assistance.

DO you know why I cannot get any RF or TX happening via the trimpots?

Thanks

Jeremy

VK2MJM

On 20/07/2013, at 9:00 PM, Fred PA4YBR <fred@dutch-star.eu> wrote:

>
> Its the callsign of your hotspot.
>
> If you have that set to your own callsign, remember to add the proper
> terminal. By convention, a user's radio has no terminal (it's there, but
> it is a SPACE character), a gateway is a 'G'. RF ports of repeaters
> (and hotspots) use a letter to identify on which RF band they are,
> being A=23cm, B=70cm, C=2m. We often use 'D' for Dongles.
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> In the hotspot software, you had to "set a callsign" somewhere. That
> is the callsign needed for R1/R2. R1 then gets the callsign with one
> of the A/B/C terminals (depending on which band you are running),
> and R2 gets the 'G' terminal:
>
> In your radio:
>
> MY = VK2MJM
> UR = CQCQCQ
> R1 = VK2MJM_B
> R2 = VK2MJM_G
>
> assuming you are on 70cm, and "VK2MJM_B" was configured in the
> hotspot software you are using. For 2meters, it would be "VK2MJM_C".
>
> If you are using a "real" repeater/club callsign for the hotspot, substitute
> that in the above..
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> --fred
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> Sent: Saturday, July 20, 2013 12:53 PM
> To: gmsk_dv_node@yahoogroups.com
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>> Two fixes are possible:
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>> Sent: Saturday, July 20, 2013 12:31 PM
>> To: gmsk_dv_node@yahoogroups.com
>> Subject: Re: [gmsk_dv_node] Re: Radio settings - Hotspot (Resend)
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10369. RE: [gmsk_dv_node] Re: Radio settings - Hotspot (Resend)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-20 11:46:45 UTC
From: Fred PA4YBR
Topic: 10337 Message: 10369

That is a hardware question, ask your hardware vendor.

Regards,

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeremy J Barbouttis
Sent: Saturday, July 20, 2013 1:29 PM
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> > What should I put in the UrCall Field?
> >
> >
> >
> > Also, is the Tx trimpot the screw thingy on the board?
> >
> >
> >
> > I'll check diagrams when I get home.
> >
> >
> >
> > Thanks
> >
> >
> >
> > Jeremy
> >
> >
> >
> > On 18/07/2013, at 6:11 AM, jim <jim@...> wrote:
> >

> > This is where Echo Test is important. Make a long transmission with your D-Star radio, so there will be a long playback transmission to give you time to adjust the TX trimpot.
> >
> >
> >
> > I now test boards using NAWinTEST with an ID-51A (same design as ID-31A), so it's likely you will find the correct TX trimpot setting.
> >
> >
> >
> > Jim - K6JM
> >
> >
> >
> > Sent via the Samsung Galaxy S□III
> >
> > -------- Original message --------
> > From: Jeremy J Barbouttis <vk2mjm@...>
> > Date:
> > To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>

> > Subject: Re: [gmsk_dv_node] Radio settings - Hotspot
> > Actually, it just occurred to me.
> >
> >
> >
> > I am using an ID-31A, could that be the issue?
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> >
> >
> > Thanks
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> >
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> > Jeremy
> >
> >
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> > On 18/07/2013, at 5:39 AM, Jeremy J Barbouttis <vk2mjm@...> wrote:
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> > Hi All,
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> > I suppose I would have at least expected a beep after keying up??
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> > I have plugged the 9-pin cable into the board and the back of my IC-7000.

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> > And of course the board is connected to the pi via USB.
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> > I have to admit I am not sure how to set the radio up - do I set it up
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> > I have updated the firmware on the board, and done the requisite
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> > I do notice an orange light light up on the board when I key up.
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> > Not sure what I should be doing at this point.
> >
> > Any help appreciated.
> >
> > Thanks
> >
> > Jeremy
> >
> > VK2MJM
> >
> >
> >
>

10370. Re: [gmsk_dv_node] Radio settings - Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-20 13:40:20 UTC
From: Jeremy J Barbouttis
Topic: 10337 Message: 10370

OK - The latest update.

It seems that I was able to trim the RX and TX! I realised there was a setting I needed to make on the IC-7000. All good.

Now, I need to work out how to connect, as that seems to not be happening at the moment.

Any insights would be helpful.

Kind regards,

Jeremy
VK2MJM

On 20/07/2013, at 8:39 PM, Jeremy J Barbouttis <vk2mjm@...> wrote:

> Hi Jim,
>
>
>
> I understand that there are two trimpots, R36 (TX) & R1 (RX)
>
> I plugged the board directly into my laptop USB and ran NAQinTEST.
>
> It sees the board, so I keyed up with a long carrier, as suggested. The board is plugged into the radio (IC-7000) as well, obviously.
>
> When I key up the LED1 gets brighter momentarily and LED11 lights up on the board.
>
> When I de-key they go off.
>
> While looking at the NAQinTEST RF Read screen, I could see no signal, nor change as I turned the R1 trimpot all the way from one side to the other, while transmitting.
>
> I did the same for both trimpots, just in case I misunderstood.
>
> I tried a few times and nothing.
>
> I think I might be stumped here.
>
> Any help appreciated.
>
>
> Many thanks,
>
>
> Jeremy

> VK2MJM
>
>
>
>
> On 18/07/2013, at 11:14 AM, J. M. Moen <jim@...> wrote:
>
>>
>>
>> Normally just put CQCQCQ in URCall of your D-Star radio. But it doesn’t matter while testing with NAWinTEST.
>>
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>> You asked where is the TX trimpot? Every board has a different way to set theTransmit audio level that goes into the analog radio. On the Star*Board, this is potentiometer R36. Look at the back page of your User Manual for the board’s layout diagram. There are three potentiometers (pots) on this board. Position the board with the USB and DSub connector at the top, and the LEDs and the jumper pins for SW4 and SW3 at the bottom. The two pots are at the left. R36 is the one on top – the TX trim pot.
>>
>>
>>
>> Each radio can require a different amount of TX audio drive to produce the correct deviation expected by D-Star receivers. For most radios, the correct setting is between 12 o’clock and 3 o’clock.
>>
>>
>>
>> Once RF Read is working, then try Echo Test. For the procedure, look at question 7 at http://www.gmskdvnode.info/
>>
>>
>>
>> Jim – K6JM
>>
>>
>>
>> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeremy J Barbouttis
>> Sent: Wednesday, July 17, 2013 3:01 PM
>> To: gmsk_dv_node@yahoogroups.com
>> Subject: Re: [gmsk_dv_node] Radio settings - Hotspot
>>
>> Thanks Jim,
>>
>> What should I put in the UrCall Field?
>>
>>
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>> Also, is the Tx trimpot the screw thingy on the board?
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>> I'll check diagrams when I get home.
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>> I now test boards using NAWinTEST with an ID-51A (same design as ID-31A), so it's likely you will find the correct TX trimpot setting.
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>>
>>
>> Jim - K6JM
>>
>>
>>
>> Sent via the Samsung Galaxy S™III
>>
>> -------- Original message --------
>> From: Jeremy J Barbouttis <vk2mjm@...>
>> Date:
>> To: gmsk_dv_node@yahoogroups.com
>> Subject: Re: [gmsk_dv_node] Radio settings - Hotspot
>> Actually, it just occurred to me.
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>> Thanks
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>>
>> Jeremy
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>> I suppose I would have at least expected a beep after keying up??
>>
>> I have plugged the 9-pin cable into the board and the back of my IC-7000.
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>> And of course the board is connected to the pi via USB.
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>> I have to admit I am not sure how to set the radio up - do I set it up like for the DVAP or do I have to fill in rpt1 and rpt2 fields?
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>> If so, what with?
>>
>> I have updated the firmware on the board, and done the requisite settings on the pi.
>>
>> I do notice an orange light light up on the board when I key up.
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>> Not sure what I should be doing at this point.
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>> Any help appreciated.
>>
>> Thanks
>>
>> Jeremy
>>
>> VK2MJM
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>>
>
>
>

10371. Re: [gmsk_dv_node] Radio settings - Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-20 13:45:50 UTC
From: Jeremy J Barbouttis
Topic: 10337 Message: 10371

Sorry, by 'connect' I mean link to reflectors and repeaters.

Seems not to be able to do that yet.

Regards,

Jeremy
On 20/07/2013, at 11:40 PM, Jeremy J Barbouttis <vk2mjm@...> wrote:

> OK - The latest update.
>
>
> It seems that I was able to trim the RX and TX! I realised there was a setting I needed to make on the IC-7000. All good.
>
> Now, I need to work out how to connect, as that seems to not be happening at the moment.
>
> Any insights would be helpful.
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> Kind regards,
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> Jeremy
> VK2MJM
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>> When I key up the LED1 gets brighter momentarily and LED11 lights up on the board.
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>> While looking at the NAQinTEST RF Read screen, I could see no signal, nor change as I

turned the R1 trimpot all the way from one side to the other, while transmitting.
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>> I did the same for both trimpots, just in case I misunderstood.
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>> I tried a few times and nothing.
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>> I think I might be stumped here.
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>> Any help appreciated.
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>> Jeremy
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>>>
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>>> Once RF Read is working, then try Echo Test. For the procedure, look at question 7 at http://www.gmskdvnode.info/
>>>
>>>
>>>
>>> Jim – K6JM
>>>

>>>
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>>> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeremy J Barbouttis
>>> Sent: Wednesday, July 17, 2013 3:01 PM
>>> To: gmsk_dv_node@yahoogroups.com
>>> Subject: Re: [gmsk_dv_node] Radio settings - Hotspot
>>>
>>> Thanks Jim,
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>>> What should I put in the UrCall Field?
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>>> Also, is the Tx trimpot the screw thingy on the board?
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>>> Jim - K6JM
>>>
>>>
>>>
>>> Sent via the Samsung Galaxy S™III
>>>
>>> -------- Original message --------
>>> From: Jeremy J Barbouttis <vk2mjm@...>

>>> Date:
>>> To: gmsk_dv_node@yahoogroups.com
>>> Subject: Re: [gmsk_dv_node] Radio settings - Hotspot
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>>> I am using an ID-31A, could that be the issue?
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>>> Thanks
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>>> VK2MJM

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10372. Re: [gmsk_dv_node] Radio settings - Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-20 14:13:51 UTC
From: Jeremy J Barbouttis
Topic: 10337 Message: 10372

OK - Got it going now.

Thank you

Jeremy
VK2MJM

On 20/07/2013, at 11:45 PM, Jeremy J Barbouttis <vk2mjm@...> wrote:

> Sorry, by 'connect' I mean link to reflectors and repeaters.
>
>
> Seems not to be able to do that yet.
>
>
> Regards,
>
> Jeremy
> On 20/07/2013, at 11:40 PM, Jeremy J Barbouttis <vk2mjm@...> wrote:
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>>> Jeremy
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>>>> Jim – K6JM
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>>>> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeremy J Barbouttis
>>>> Sent: Wednesday, July 17, 2013 3:01 PM
>>>> To: gmsk_dv_node@yahoogroups.com
>>>> Subject: Re: [gmsk_dv_node] Radio settings - Hotspot
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>>>> Thanks Jim,
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>>>> Sent via the Samsung Galaxy S™III
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>>>> -------- Original message --------
>>>> From: Jeremy J Barbouttis <vk2mjm@icloud.com>
>>>> Date:
>>>> To: gmsk_dv_node@yahoogroups.com
>>>> Subject: Re: [gmsk_dv_node] Radio settings - Hotspot
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>>>> I am using an ID-31A, could that be the issue?
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>>>> On 18/07/2013, at 5:39 AM, Jeremy J Barbouttis <vk2mjm@icloud.com> wrote:
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>>>> Any help appreciated.
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>>>> Jeremy
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>
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>

10373. Free Star Reflectors

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-20 14:20:03 UTC
From: Jeremy J Barbouttis
Topic: 10373 Message: 10373

Can we connect to Free Star Reflectors with the Moen StarBoard?

Thanks

Jeremy

VK2MJM

10374. Re: [gmsk_dv_node] Free Star Reflectors

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-20 14:31:03 UTC
From: Matthew Pitts
Topic: 10373 Message: 10374

If the software you're using knows where to find them, yes.

Matthew Pitts
N8OHU

Sent from Yahoo! Mail on Android

10375. Re: [gmsk_dv_node] Free Star Reflectors

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-20 14:39:57 UTC
From: Jeremy J Barbouttis
Topic: 10373 Message: 10375

How do you tell your software where to find them?

Thanks

Jeremy
VK2MJM
On 21/07/2013, at 12:31 AM, Matthew Pitts <daywalker_blade_2004@...> wrote:

>
> If the software you're using knows where to find them, yes.
>
> Matthew Pitts
> N8OHU
>
> Sent from Yahoo! Mail on Android
>
>
> From: Jeremy J Barbouttis <vk2mjm@...>;
> To: gmsk_dv_node@yahoogroups.com <gmsk_dv_node@yahoogroups.com>;
> Subject: [gmsk_dv_node] Free Star Reflectors
> Sent: Sat, Jul 20, 2013 2:20:03 PM
>
>
> Can we connect to Free Star Reflectors with the Moen StarBoard?
>
> Thanks
>
> Jeremy
>
> VK2MJM
>
>

10376. RE: [gmsk_dv_node] Free Star Reflectors

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-20 15:18:40 UTC
From: Fred PA4YBR
Topic: 10373 Message: 10376

Jeremy,

These are "application software" questions, and are best asked in the
support group of the software you are using. Historically, this group is
for the GMSK node adapter *hardware*, and for the "DVAR Hotspot"
and "WinDV" application programs, both for Windows.

Just so you know :P

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of Jeremy J Barbouttis
Sent: Saturday, July 20, 2013 4:20 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Free Star Reflectors

Can we connect to Free Star Reflectors with the Moen StarBoard?

Thanks

Jeremy

VK2MJM

10377. Re: [gmsk_dv_node] Re: Friendcom FC-301 > Hotspot ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-20 10:05:29 UTC
From: Rudy Benner
Topic: 10323 Message: 10377
Attachments: 1 described; binary payloads are missing from this source WARC

I “intercepted” 4 heat sinks on their way to the bottom of the garbage bin.

Perhaps overkill, who cares, the heat-sinks do not even get warm. Just the way it should be.

Cheap and ugly. The white ooze is heat-sink compound.

Using with a cheap UHF duplexer from Hong Kong, I think it was $80. Pre-tuned.

ve3bdr

From: Fred PA4YBR
Sent: Saturday, July 20, 2013 5:46 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: Friendcom FC-301 > Hotspot ?

OOooo, friendcoms on steroids! :)

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Rudy Benner
Sent: Friday, July 19, 2013 11:13 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Re: Friendcom FC-301 > Hotspot ?

This is the heat sink I use, I run at 5 watts, does not even get warm after extended use on nets.

ve3bdr

From: Fred PA4YBR
Sent: Friday, July 19, 2013 4:40 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: Friendcom FC-301 > Hotspot ?

Correct.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@...m] On Behalf Of jorgenbodholdt
Sent: Friday, July 19, 2013 12:52 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Friendcom FC-301 > Hotspot ?

it will not be fast hot ?

Jørgen

--- In mailto:gmsk_dv_node%40yahoogroups.com, "Fred PA4YBR" <fred@...> wrote:
>
> Yes, these work fine, as long as you don't run them too hot. It *can* do 5W
> of RF,
> but you won't be needing your grill in the backyard anymore... you can slap
> the
> steaks on your hotspot if you do :)
>
> Run it at 1W or 2W, and all is just dandy.
>
> --fred
>
> _____
>
> From: mailto:gmsk_dv_node%40yahoogroups.com
[mailto:mailto:gmsk_dv_node%40yahoogroups.com] On
> Behalf Of Adrian
> Sent: Wednesday, July 17, 2013 10:53 PM
> To: mailto:gmsk_dv_node%40yahoogroups.com
> Cc: mailto:Amateur_Radio_Experimenters_Corner%40yahoogroups.com
> Subject: Re: [gmsk_dv_node] Friendcom FC-301 > Hotspot ?
>
>
>
>
> I am looking at using one of these;
>
>
> FC-301/D Data Radio - VHF
> <https://www.argentdata.com/catalog/images/fc301d-vhf1.jpg>
>
> ifo: https://www.argentdata.com/catalog/product_info.php?products_id=110
>
> Spec:
>
> https://www.argentdata.com/support/FC301D_User_Manual.pdf
>
> <http://vk4tux.no-ip.org/DB9-1.jpg>
>
> <http://vk4tux.no-ip.org/DB9-2.jpg>
>
> I want to see if others have used these, and if so comments please? and if
> it would be plug n play with a Moencomm board?
>
> Adrian ... vk4tux
>

10378. RE: [gmsk_dv_node] Re: Friendcom FC-301 > Hotspot ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-20 18:17:58 UTC
From: Fred PA4YBR
Topic: 10323 Message: 10378
Attachments: 1 described; binary payloads are missing from this source WARC

Yeah, I recognized the SQ450 filter below it.

I am now sorry I threw away a big box full of old PentiumII/450 processors (remember those? the big slot-1 cartridge thingers) which have heatsinks that probably are a 100% fit for the FC-301's ..... darn!

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Rudy Benner
Sent: Saturday, July 20, 2013 12:05 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Re: Friendcom FC-301 > Hotspot ?

I ☐intercepted☐ 4 heat sinks on their way to the bottom of the garbage bin.

Perhaps overkill, who cares, the heat-sinks do not even get warm. Just the way it should be.

Cheap and ugly. The white ooze is heat-sink compound.

Using with a cheap UHF duplexer from Hong Kong, I think it was $80. Pre-tuned.

ve3bdr

From: Fred PA4YBR <mailto:fred@...>
Sent: Saturday, July 20, 2013 5:46 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: Friendcom FC-301 > Hotspot ?

OOooo, friendcoms on steroids! :)

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Rudy Benner
Sent: Friday, July 19, 2013 11:13 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Re: Friendcom FC-301 > Hotspot ?

DSC_6367

This is the heat sink I use, I run at 5 watts, does not even get warm after extended use on nets.

ve3bdr

From: Fred PA4YBR <mailto:fred@...>
Sent: Friday, July 19, 2013 4:40 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: Friendcom FC-301 > Hotspot ?

Correct.

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of jorgenbodholdt
Sent: Friday, July 19, 2013 12:52 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Friendcom FC-301 > Hotspot ?

it will not be fast hot ?

Jørgen

--- In mailto:gmsk_dv_node%40yahoogroups.com, "Fred PA4YBR" <fred@...> wrote:
>
> Yes, these work fine, as long as you don't run them too hot. It *can* do 5W
> of RF,
> but you won't be needing your grill in the backyard anymore... you can slap
> the
> steaks on your hotspot if you do :)
>
> Run it at 1W or 2W, and all is just dandy.
>
> --fred
>
> _____
>
> From: mailto:gmsk_dv_node%40yahoogroups.com [mailto:mailto:gmsk_dv_node%40yahoogroups.com] On
> Behalf Of Adrian
> Sent: Wednesday, July 17, 2013 10:53 PM
> To: mailto:gmsk_dv_node%40yahoogroups.com
> Cc: mailto:Amateur_Radio_Experimenters_Corner%40yahoogroups.com
> Subject: Re: [gmsk_dv_node] Friendcom FC-301 > Hotspot ?
>
>
>
>
>
> I am looking at using one of these;

>
>
> FC-301/D Data Radio - VHF
> <https://www.argentdata.com/catalog/images/fc301d-vhf1.jpg>
>
> ifo: https://www.argentdata.com/catalog/product_info.php?products_id=110
>
> Spec:
>
> https://www.argentdata.com/support/FC301D_User_Manual.pdf
>
> <http://vk4tux.no-ip.org/DB9-1.jpg>
>
> <http://vk4tux.no-ip.org/DB9-2.jpg>
>
> I want to see if others have used these, and if so comments please? and if
> it would be plug n play with a Moencomm board?
>
> Adrian ... vk4tux
>

10379. RE: [gmsk_dv_node] Free Star Reflectors

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-20 19:29:54 UTC
From: J. M. Moen
Topic: 10373 Message: 10379

Jeremy - yes, FreeStar can work with GMSK modems like the Star*Board. I think that software requires a recent version of the DUTCH*Star firmware (currently the Beta version).

Homebrew Hotspot or Repeater builders have a fair amount of choice regarding software they can use. I normally recommend to people starting out to use DVAR Hotspot, by Mark KB9KHM (who set up this Yahoo Group and is the "owner") and WinDV (more generally DV Node for Windows) by Fred PA4YBR. These programs are easy to configure and both have a lot of wonderful features. They run (currently) on Windows only. For people using Linux (for example, on the Raspberry Pi), I currently recommend the G4KLX programs. They are somewhat harder to configure, but once configured, do the job well.

My web page about setting up Hotspots mentions some of the other choices, but my sense was for people starting out with Hotspots, detailed coverage of all the options out there could create more confusion than help.

But I've been thinking of writing a brief article just summarizing the options. I think I've used all the options except for FreeStar, and I plan to play with that when I get the time. Each application has slightly different different features and can work with different hardware. In most cases, each application has its own Yahoo Group.

Still, if you are using a GMSK modem, I hope we can answer some of your questions here, but we won't necessarily be the deep experts for all the software alternatives out there.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Fred PA4YBR
Sent: Saturday, July 20, 2013 8:19 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Free Star Reflectors

Jeremy,

These are "application software" questions, and are best asked in the support group of the software you are using. Historically, this group is for the GMSK node adapter *hardware*, and for the "DVAR Hotspot" and "WinDV" application programs, both for Windows.

Just so you know :P

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeremy J Barbouttis
Sent: Saturday, July 20, 2013 4:20 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Free Star Reflectors
Can we connect to Free Star Reflectors with the Moen StarBoard?

Thanks

Jeremy
VK2MJM

10380. Factoids

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-20 23:04:05 UTC
From: J. M. Moen
Topic: 10380 Message: 10380

I personally spend most of my D-Star operating time using linking to various reflectors. But some people want to use some form of callsign routing, and certain Hotspot applications support CCS. Examples include G4KLX's ircDDBGateway and the DVRPTR Control Center.

CCS DTMF codes

For those using a Hotspot program that supports the Call Connection System, you probably have heard that you can get a unique number assigned to your user callsign (at http://xreflector.net/neu3/ and click the CCS System, User Register link on the left). Then others with access to CCS can "connect" to wherever your callsign was last heard on a CSS-enabled Gateway, just by entering your code with their DTMF keys while transmitting.

And if you have enabled CCS on your own Hotspot or Repeater and are using a "repeater" callsign (US hams sometimes call this a "club callsign"), you can also register that callsign with CSS and get a unique code for your Gateway.

That way, your friends can force CSS to route to your Gateway, regardless of where your personal callsign was last heard. But to make this work, you need to add an extra digit to identify which port or module CSS should route to.

Borrowing an example from G4KLX documentation, DG1HT is a personal callsign that's been assigned CCS DTMF code 1111. To route to this ham, you'd key 1111 on your DTMF keypad.

But let's say you want to route to the 2-meter port of DM0HMB (in other words, DM0HMB C). TheDM0HMB Gateway has been assigned CCS DTMF code 7932. The ports are designated as follows: 1 = port A, 2 = port B, 3 = port C, etc. So to route to DM0HMB port C, you'd key 79323 on your DTMF keypad. This is mentioned as an example in some CCS documentation, but I haven't seen a general documentation of the rule.

Note: If you entered the gateway's base code 7932 (with the port number), you would get connected, you'd be heard, but the person on that gateway would not be able to respond, since CSS doesn't know what port should be used. In fact, the connection would probably fail at that point. So if using a Gateway code, be sure to add the port number.

DTMF codes on the ID-31 and ID-51

Many of us have one of these newer D-Star radios and love them because of all the features. But neither has a DTMF keypad. No problem. There are two solutions to use the CSS DTMF feature:

1. Set up a memory (much as we do to facilitate DPLus, DExtra or DCS linking), and put the following in UR Call - CCSnnnn. In the above example, you'd enter CCS1111. Briefly switch to that memory and press PTT. Be sure to switch back to your normal talk memory (whose UR Call is CQCQCQ). Assuming you have CCS enabled on your gateway, the system will route to DG1HT, whose code is 1111.
2. Go to your radio's manual and lookup DTMF. For example, for the ID-51, go to page 17-8. It explains how to save a code in "DTMF memory." Pages 17-10 and 11 explain how to make a DTMF code transmission. It's even easier if you normally just call one specific code. Select the DTMF code once, then to transmit, while PTT is pressed, briefly press the SQL button just below PTT and the code will be sent.

Summary

I personally communicate by reflectors most of the time, and I don't need CCS to do that. But for those times I want to easily connect to another Ham, the CCS DTMF feature is useful. However, there are other ways to accomplish the same thing using DVAR and other software. I hope to address those in an article about the various software capabilities for Hotspots.

10381. Re: [gmsk_dv_node] Factoids

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-21 00:01:25 UTC
From: Will
Topic: 10380 Message: 10381

Jim,

Let me also advised, the USA QuadNet IRC Open Network is here and with the right software dongles, dvap, hotspots and repeaters can call sign route on our network. You don't need a club call sign or register its a open network for any license hams anywhere.

Will / W4WWM

On 7/20/2013 6:04 PM, J. M. Moen wrote:
>
> I personally spend most of my D-Star operating time using linking to
> various reflectors. But some people want to use some form of callsign
> routing, and certain Hotspot applications support CCS. Examples
> include G4KLX's ircDDBGateway and the DVRPTR Control Center.
>
> CCS DTMF codes
>
> ------------------
>
> For those using a Hotspot program that supports theCall Connection
> System, you probably have heard that you can get a unique number
> assigned to your user callsign(at_http://xreflector.net/neu3/_and
> click the CCS System,User Registerlinkon the left). Then others with
> access to CCS can"connect" to wherever your callsign was last heard on
> a CSS-enabled Gateway, just by entering your code with their DTMF keys
> while transmitting.
>
> And if you have enabledCCS on your own Hotspot or Repeater and are
> using a"repeater" callsign (US hams sometimes call this a "club
> callsign"), you can also register thatcallsignwith CSS and get a
> unique code for your Gateway.
>
> That way, your friends can force CSS to route to your Gateway,
> regardless of where your personal callsign was last heard. But to
> make this work, you need to add an extra digitto identify which port
> or module CSS should route to.
>
> Borrowing an example fromG4KLXdocumentation,DG1HT is a personal
> callsign that's been assignedCCS DTMF code 1111. To route to this ham,
> you'd key 1111 on your DTMF keypad.
>
> But let's say you want to route to the 2-meter port of DM0HMB (in
> other words, DM0HMB C). TheDM0HMB Gateway has been assigned CCS DTMF
> code 7932. The ports are designated as follows: 1 = port A, 2 = port
> B, 3 = port C, etc. So to route to DM0HMB port C, you'd key 79323 on

> your DTMF keypad. This is mentioned as an example in some CCS
> documentation, but I haven't seen a generaldocumentationof the rule.
>
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> number), you would get connected, you'd be heard, but the person on
> that gateway would not be able to respond, since CSS doesn't know what
> portshouldbe used. In fact, the connection would probably fail at
> that point. So if using a Gateway code, be sure to add the port number.
>
> DTMF codes on the ID-31 and ID-51
>
> ----------
>
> Many of us have one of these newer D-Star radios and love them because
> of all the features. But neither has a DTMF keypad. No problem.
> There are two solutions to use the CSS DTMF feature:
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> 1. Set up a memory (much as we do to facilitate DPLus, DExtraor DCS
> linking), and put the following in UR Call--CCSnnnn. In the above
> example, you'd enter CCS1111. Briefly switch to that memory and press
> PTT.Be sure to switch back to your normal talk memory (whoseUR Call is
> CQCQCQ). Assuming you have CCS enabled on your gateway, the system
> will route to DG1HT, whose code is 1111.
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> ID-51, go to page 17-8. It explains how to save a code in "DTMF
> memory." Pages17-10and 11explain how to make a DTMF code
> transmission. It's even easierif you normally just call one specific
> code. Select the DTMF code once, then to transmit, while PTT is
> pressed, briefly press the SQL button just below PTT and the code will
> be sent.
>
> Summary
>
> -----------
>
> I personally communicate by reflectors most of the time, and I don't
> need CCS to do that. But for those times I want to easily connect to
> another Ham, the CCS DTMF feature is useful. However, there are other
> ways to accomplish the same thing using DVAR and other software. I
> hope to address those in an article about the various software
> capabilities for Hotspots.
>
>

10382. Using Moen Board for repeater

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-21 02:58:59 UTC
From: Ken Nicely
Topic: 10382 Message: 10382

I assume I need to change the USB_ID form 0300 to something else like 0302 for the second board to set up a repeater. How do I change the USB_ID?

Ken(KC) KE3C

10383. Satoshi V7 windows XP

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-21 10:27:16 UTC
From: bradlington
Topic: 10383 Message: 10383

I need some person who has a set of instruction details on how to get this board going onto my UHF repeater.

Currently I see so much dStar bits and pieces but no single source .

I have XP desktop .
I can reformat laptop to linux if required.
I have V07 Satoshi board wired onto two GM350 Motorola radios.

Currently the wired board is detecting the incoming signal "Cos" but replied with short burst .
I am unable to communicate via RS-232 as before via tty.
I am unable to open nodeadapter- error no DV-adapter present.
When I open rf_read program on XP it comes up with the black crean then windows closes the program .

I have a suspicion that the ham I loaned this board to tried to upgrade and it is now not functioning correctly .

Any help would be appreciated .

Thanks

Bradley ZS5BG

10384. RE: [gmsk_dv_node] Satoshi V7 windows XP

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-21 10:35:59 UTC
From: Fred PA4YBR
Topic: 10383 Message: 10384

Bradley,

What version of its firmware is it reporting? Like you said, you may
have to force-update it to get back to a known state. For this to work,
you will need a copy of your firmware available, by the way !

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of bradlington
Sent: Sunday, July 21, 2013 12:27 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Satoshi V7 windows XP

I need some person who has a set of instruction details on how to get this
board going onto my UHF repeater.

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I have XP desktop .
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When I open rf_read program on XP it comes up with the black crean then
windows closes the program .

I have a suspicion that the ham I loaned this board to tried to upgrade and
it is now not functioning correctly .

Any help would be appreciated .

Thanks

Bradley ZS5BG

10385. Re: Satoshi V7 windows XP

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-21 10:49:27 UTC
From: bradlington
Topic: 10383 Message: 10385

Hi Fred

Thank you for responding .

At this time I am unable to communicate with the board via printer port and have also tried the rs-232 with no luck.

Any ideas

Bradley

--- In gmsk_dv_node@yahoogroups.com, "Fred PA4YBR" <fred@...> wrote:
>
> Bradley,
>
> What version of its firmware is it reporting? Like you said, you may
> have to force-update it to get back to a known state. For this to work,
> you will need a copy of your firmware available, by the way !
>
> --fred
>
> _____
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of bradlington
> Sent: Sunday, July 21, 2013 12:27 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Satoshi V7 windows XP
>
>
>
>
>
> I need some person who has a set of instruction details on how to get this
> board going onto my UHF repeater.
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> Currently I see so much dStar bits and pieces but no single source .
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> I have XP desktop .
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> with short burst .
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> When I open rf_read program on XP it comes up with the black crean then

> windows closes the program .
>
> I have a suspicion that the ham I loaned this board to tried to upgrade and
> it is now not functioning correctly .
>
> Any help would be appreciated .
>
> Thanks
>
> Bradley ZS5BG
>

10386. RE: [gmsk_dv_node] Re: Satoshi V7 windows XP

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-21 10:59:15 UTC
From: Fred PA4YBR
Topic: 10383 Message: 10386

Printer port????

I seriously hope you meant to say 'usb port' there.....

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of bradlington
Sent: Sunday, July 21, 2013 12:49 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Satoshi V7 windows XP

Hi Fred

Thank you for responding .

At this time I am unable to communicate with the board via printer port and
have also tried the rs-232 with no luck.

Any ideas

Bradley

--- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
, "Fred PA4YBR" <fred@...> wrote:
>
> Bradley,
>
> What version of its firmware is it reporting? Like you said, you may
> have to force-update it to get back to a known state. For this to work,
> you will need a copy of your firmware available, by the way !
>
> --fred
>
> _____
>
> From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
[mailto:gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
] On
> Behalf Of bradlington
> Sent: Sunday, July 21, 2013 12:27 PM
> To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
> Subject: [gmsk_dv_node] Satoshi V7 windows XP
>
>

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> board going onto my UHF repeater.
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> When I open rf_read program on XP it comes up with the black crean then
> windows closes the program .
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> I have a suspicion that the ham I loaned this board to tried to upgrade
and
> it is now not functioning correctly .
>
> Any help would be appreciated .
>
> Thanks
>
> Bradley ZS5BG
>

10387. Re: Satoshi V7 windows XP

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-21 11:55:18 UTC
From: bradlington
Topic: 10383 Message: 10387

Yes the printer cable I am referring to is the cable that has a usb on one side and the modern printer" cable on the other.

--- In gmsk_dv_node@yahoogroups.com, "Fred PA4YBR" <fred@...> wrote:
>
> Bradley,
>
> What version of its firmware is it reporting? Like you said, you may
> have to force-update it to get back to a known state. For this to work,
> you will need a copy of your firmware available, by the way !
>
> --fred
>
> _____
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of bradlington
> Sent: Sunday, July 21, 2013 12:27 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Satoshi V7 windows XP
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> When I open rf_read program on XP it comes up with the black crean then
> windows closes the program .
>
> I have a suspicion that the ham I loaned this board to tried to upgrade and
> it is now not functioning correctly .
>
> Any help would be appreciated .
>

> Thanks
>
> Bradley ZS5BG
>

10388. RE: [gmsk_dv_node] Re: Satoshi V7 windows XP

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-21 12:04:55 UTC
From: Fred PA4YBR
Topic: 10383 Message: 10388

Hi,

Hmm. Make very sure the board is connected to the PC using a *known
to work* USB cable. I cannot remember which connector was used on
the V7 board... his older boards used the (incorrect) A-type socket, but
he may have fixed that on the V7 board to use a B-type (or mini-B even)
instead.

Once we are certain the USB cable is correct and connected, you have
to determine whether or not the PC "sees" the board at all. You can
check the "Device Manager" (Windows) or "lsusb" (Linux) output to
see if the board is present on the bus at all.

If not: it's hosed, contact Satoshi.

If it is... more work is probably needed to reset it.

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of bradlington
Sent: Sunday, July 21, 2013 1:55 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Satoshi V7 windows XP

Yes the printer cable I am referring to is the cable that has a usb on one
side and the modern printer" cable on the other.

--- In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
, "Fred PA4YBR" <fred@...> wrote:
>
> Bradley,
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> have to force-update it to get back to a known state. For this to work,
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>
> From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
[mailto:gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
] On
> Behalf Of bradlington

> Sent: Sunday, July 21, 2013 12:27 PM
> To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
> Subject: [gmsk_dv_node] Satoshi V7 windows XP
>
>
>
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> I need some person who has a set of instruction details on how to get this
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> windows closes the program .
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> I have a suspicion that the ham I loaned this board to tried to upgrade
and
> it is now not functioning correctly .
>
> Any help would be appreciated .
>
> Thanks
>
> Bradley ZS5BG
>

10389. Re: Satoshi V7 windows XP

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-21 18:12:00 UTC
From: bradlington
Topic: 10383 Message: 10389

Hi Fred

Thanks for the info .
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Will try get comms to it as first point then revert back .

Thanks

Bradley

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> Behalf Of bradlington
> Sent: Sunday, July 21, 2013 1:55 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Re: Satoshi V7 windows XP
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10390. DUTCH*Star firmware board - changing USB pid

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-21 18:50:20 UTC
From: J. M. Moen
Topic: 10390 Message: 10390

From the DUTCH*Star website at http://www.dutch-star.eu/software/, download NATools Set PID for Windows (32-bit).

Jim - K6JM

PS The instructions say:
Setting a different ProductID (PID) of a GMSK board.

The newer (V00.01.20 and up) firmware can be set to use an ID different from the 0300 default. This can be useful in systems where more than one such board is connected, for example in a multi-port repeater controller.

To change the ID of a board:

- install the included GMSK.INF file.

- plug in a board (which is using 0300 as its ID), and then connect to it using the included "nacfg.exe" tool.

The NACFG tool will connect to the board, and show its current settings as usual. Note the "P" command, which can be used to configure the board to use a different ID.

Using the P command, type in the desired ID. Although you can use any ID there, the GMSK.INF driver information file has been updated to allow for:

- 0300, 0320, 0322 and 0324

for standard GMSK Node Adapter, Mini-Hotspot and such boards.

If you wish to use a different ID, please edit and update the GMSK.INF file first, and install it on your system before actually setting that new ID, or the board will no longer be recognized!

After setting the new ID, it will be rebooted, and the PC should have no problem detecting the board using its new ID.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Ken Nicely
Sent: Saturday, July 20, 2013 7:59 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Using Moen Board for repeater

I assume I need to change the USB_ID form 0300 to something else like 0302 for the second board to set up a repeater. How do I change the USB_ID?

Ken(KC) KE3C

10391. RE: [gmsk_dv_node] Re: Satoshi V7 windows XP

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-21 18:55:30 UTC
From: Fred PA4YBR
Topic: 10383 Message: 10391

I checked my own V7 board... it has a Mini-B USB connector,
so you can use any USB-A to USB-B cable. Printers with an
USB port indeed often come with a good (and long) cable with
ferrite beads, those are good.

Still, if the board is not detected (at all!) by the operating system,
there's a problem..

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of bradlington
Sent: Sunday, July 21, 2013 8:12 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Satoshi V7 windows XP

Hi Fred

Thanks for the info .
I will try a different cable .The V7 has the very square cable between the
Din and Power jack.

I accessed this board many years ago and could open it with the node adapter
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Will try get comms to it as first point then revert back .

Thanks

Bradley

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10392. Re: [gmsk_dv_node] Re: Satoshi V7 windows XP

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-21 21:43:56 UTC
From: Laurence Mathews
Topic: 10383 Message: 10392

I cannot see what the drama is with the Satoshi V7 I have installed v 7s no problems. Data and power from usb lead,from computer, has also separate pwer dc socket if required; ptt tx receive sq via 6 pin din Satoshi has all instructions on his site www.dstar.asia .

Regards LaurenceZL1ICU

From: bradlington <bradlington@...>
To: gmsk_dv_node@yahoogroups.com
Sent: Monday, 22 July 2013 6:12 AM
Subject: [gmsk_dv_node] Re: Satoshi V7 windows XP

Hi Fred

Thanks for the info .
I will try a different cable .The V7 has the very square cable between the Din and Power jack.

I accessed this board many years ago and could open it with the node adapter software.

Will try get comms to it as first point then revert back .

Thanks

Bradley

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10393. RE: [gmsk_dv_node] Re: Satoshi V7 windows XP

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-07-21 22:03:03 UTC
From: Fred PA4YBR
Topic: 10383 Message: 10393

There is no drama, other than the board for some reason not to
be in working condition, and since the original posting was not
too clear on what exactly was going on, that has to be
established.

Once it's known what is going on (or wrong), the poster can be
advised on what to do, which could be sending the board back
to Satoshi for fixing.

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of Laurence Mathews
Sent: Sunday, July 21, 2013 11:44 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Re: Satoshi V7 windows XP

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10394. Pigmsk board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-08-03 17:51:01 UTC
From: radioizc
Topic: 10394 Message: 10394

Has anyone heard when the Pigmsk board might be shipping and is there an estimated price?

TNX,
Steve
WB4IZC

10395. Re: [gmsk_dv_node] Pigmsk board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-08-03 18:18:47 UTC
From: sgibbs1
Topic: 10394 Message: 10395

Sent from Samsung Mobile

-------- Original message --------
From: radioizc <scterrysr@gmail.com>
Date: 03/08/2013 18:53 (GMT+00:00)
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Pigmsk board

Has anyone heard when the Pigmsk board might be shipping and is there an estimated price?

TNX,
Steve
WB4IZC

10396. ★ Gmsk Dv Node, Marco ti ha inviato un messaggio...

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-08-03 19:55:14 UTC
From: Badoo
Topic: 10396 Message: 10396

Marco ti ha inviato un messaggio...

Il mittente di questo messaggio e il suo contenuto saranno visibili solo a te. Per scoprire che cosa c'è scritto nel messaggio e per rispondere subito, segui questo link: http://eu1.badoo.com/0332980247/in/amIOcEPNqek/?lang_id=8&g=57&m=63&mid=51fd60220000000000080000020dcd22008f46710000

Se il link qui sopra non dovesse funzionare, prova a copiarlo e incollarlo nella barra degli indirizzi del tuo browser.

Questa comunicazione fa parte del sistema di notifica per il messaggio inviato da Marco. Se pensi che si tratti di un errore, ignora questa comunicazione e il messaggio verrà cancellato automaticamente dal nostro sistema.

Buon divertimento!
Il team di Badoo

Questa e-mail ti è stata inviata da Badoo Trading Limited (indirizzo postale indicato in basso).↲Se non desideri ricevere altri messaggi da parte di Badoo, clicca qui: https://eu1.badoo.com/impersonation.phtml?lang_id=8&email=gmsk_dv_node%40yahoogroups.com&block_code=4fb615.%E2%86%B5&m=63&mid=51fd6022000000000080000020dcd22008f46710000

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10397. Documentation question

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-08-09 21:05:57 UTC
From: J. M. Moen
Topic: 10397 Message: 10397

I'm trying to decide whether to spend time improving documentation about how to use certain applications with the Raspberry Pi, and I'd like your feedback.

The focus of this group has been on GMSK modems and software like DVAR Hotspot and DV Node (also known as WinDV) that work with Hotspots.

Besides those two excellent apps, people also use D-Star Repeater and ircDDBGateway by G4KLX, as well as FreeStar by Ramesh VA3UV. Since those apps have their own Yahoo Groups, we don't focus on those so much, though when asked a question about those apps, subscribers to this group will often provide an answer.

When I first started using a GMSK modem with a Raspberry Pi, I took notes on what I did. I've had people ask me for those notes, and I've been happy to email them out in those cases. The most common apps running on Linux that will work with a GMSK modem come from G4KLX, so that's what I used and what my notes refer to. When I get the time, I still plan to install FreeStar and get experience with that.

I've always liked documentation that is "cookbook" oriented, meaning something that outlines how to cook the D-Star Hotspot meal easily and quickly. The bigger project I've had in mind is to use this approach for DV Node and FreeStar. But for now, the focus is on the Pi.

I've been approached by another ham (Jim KI6ZUM) to collaborate to create better documentation on using the Pi, G4KLX, etc. In general, I think it helps our D-Star community to have documentation that's easy to use and not spread over various documents and websites. My thinking was to first improve my own notes on the Pi, etc. then work with Jim to simplify.

Is there any interest in any of this? Like most people, I'm short of free time and want to spend it where it will do some good.

Jim - K6JM

10398. RE: [gmsk_dv_node] Documentation question

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-08-09 21:17:11 UTC
From: Fred PA4YBR
Topic: 10397 Message: 10398

Jim,

This group is about GMSK modems (all sorts of 'em), their configuration (under a
variery of operating systems, but mostly Windows and Linux I guess) and, to some
point, operating them with (application) software.

When the group was started, it was the only one, and so everything "came down here".

Nowadays, each application seems to have its own group, so discussing those in here
doesn't seem useful, at least not to me.

However, anything related to setting up, configuring and/or troubleshooting the hardware,
that does still belong here I think.

The Raspberry is "just a Linux box", and I don't think we should treat it more special than
other systems, with added documentation, HowTo guides and/or Youtube videos where
hot babes^h^h^h^h^h^hsmart girls explain how to install a GMSK modem onto the Pi.

Just my opinion though, and there probably are many other opinions following *grin*

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of J. M. Moen
Sent: Friday, August 09, 2013 11:06 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Documentation question

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The focus of this group has been on GMSK modems and software like DVAR Hotspot and DV Node (also known as WinDV) that work with Hotspots.

Besides those two excellent apps, people also use D-Star Repeater and ircDDBGateway by G4KLX, as well as FreeStar by Ramesh VA3UV. Since those

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I've always liked documentation that is "cookbook" oriented, meaning something that outlines how to cook the D-Star Hotspot meal easily and quickly. The bigger project I've had in mind is to use this approach for DV Node and FreeStar. But for now, the focus is on the Pi.

I've been approached by another ham (Jim KI6ZUM) to collaborate to create better documentation on using the Pi, G4KLX, etc. In general, I think it helps our D-Star community to have documentation that's easy to use and not spread over various documents and websites. My thinking was to first improve my own notes on the Pi, etc. then work with Jim to simplify.

Is there any interest in any of this? Like most people, I'm short of free time and want to spend it where it will do some good.

Jim - K6JM

10399. Re: Documentation question

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-08-10 19:11:43 UTC
From: k9ruf
Topic: 10397 Message: 10399

Well Fred I think I'd have to disagree with you.

What Jim is proposing is a great idea because while the GMSK modems are important they can't be supported in a silo by themselves. They are after all attached to some kind of computer al be it the ever popular, stable, cheap raspberry Pi. I have 3 of them and have gone through he growing pains of learning through trial and many errors. Along the way I have corresponded with Jim off the reflector as many probably have who are eager to share how we've fixed something. The reason I've done it off the reflector is because this is a GMSK topic reflector.

The problem with posting Pi success stories on the ircddb reflector is that they would get lost since this is kind of developer G4KLX driven reflector deciding what should be in included in the next release.

Therefore I welcome someone like Jim who has collected these tips putting them together in a "cook book" of best practice success stories helping out hams using the GMSK modem and the raspberry Pi. D-Star repeaters/hotspots can be daunting to the average ham and unless you have the tenacity to stick with it, failure is almost certain.

So Jim, I'm all for it because I want to help out new Dstar hams making the road less bumpy and in the process more GMSK modems will end up in use.

Best 73,
Dave
K9RUF
K5TAR (my new ircddb raz pi repeater)

--- In gmsk_dv_node@yahoogroups.com, "J. M. Moen" <jim@...> wrote:
>
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> to use certain applications with the Raspberry Pi, and I'd like your
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> Is there any interest in any of this? Like most people, I'm short of free
> time and want to spend it where it will do some good.
>
> Jim - K6JM
>

10400. Re: Documentation question

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-08-11 12:34:45 UTC
From: Steve
Topic: 10397 Message: 10400

FWIW I would very much like a "Cookbook".

--- In gmsk_dv_node@yahoogroups.com, "J. M. Moen" <jim@...> wrote:
>
> I'm trying to decide whether to spend time improving documentation about how
(snippage happened)

10401. RE: [gmsk_dv_node] Documentation question

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-08-12 04:35:48 UTC
From: J. M. Moen
Topic: 10397 Message: 10401

Thanks, everyone, for the comments, particular on the "cookbook" question.

I actually agree with Fred that this Yahoo Group should continue its focus on GMSK modems. This group is also home for support of two of the most popular Hotspot applications - DVAR Hotspot and DV Node/WinDV. Usually, software support questions for other apps will be better served when asked on their respective groups or forums. There are times, though, when the question is partly about an app and partly about configuring a GMSK Modem, and this group may be the best place for those queries. Plus, this group has a history of trying to answer any related question if someone knows the answer.

And while I agree the Pi is just one flavor of Linux pc where we can build a Hotspot, I have found lots of Hotspot interest in this little gizmo, often by people who are overwhelmed by the fragmented documentation spread all over the internet.

So I'm just trying to gauge the interest level of gmsk_dv_node subscribers. If I'm able to build something cohesive that will help others, I'll probably start out with it on my personal website (not this group's site and certainly not my business website), with hopes to improve it and move it to a more general place later on. If I had all the time in the world, I'd probably attempt to generalize it and cover all the major apps that are and will be available on Linux.

Thanks again for the comments.

Jim

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Fred PA4YBR
Sent: Friday, August 09, 2013 2:17 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Documentation question

Jim,

This group is about GMSK modems (all sorts of 'em), their configuration (under a
variery of operating systems, but mostly Windows and Linux I guess) and, to some
point, operating them with (application) software.

When the group was started, it was the only one, and so everything "came down here".

Nowadays, each application seems to have its own group, so discussing those in here
doesn't seem useful, at least not to me.

However, anything related to setting up, configuring and/or troubleshooting the hardware,
that does still belong here I think.

The Raspberry is "just a Linux box", and I don't think we should treat it more special than
other systems, with added documentation, HowTo guides and/or Youtube videos where
hot babes^h^h^h^h^h^hsmart girls explain how to install a GMSK modem onto the Pi.

Just my opinion though, and there probably are many other opinions following *grin*

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of J. M. Moen
Sent: Friday, August 09, 2013 11:06 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Documentation question

I'm trying to decide whether to spend time improving documentation about how to use certain applications with the Raspberry Pi, and I'd like your feedback.
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I've always liked documentation that is "cookbook" oriented, meaning something that outlines how to cook the D-Star Hotspot meal easily and quickly. The bigger project I've had in mind is to use this approach for DV Node and FreeStar. But for now, the focus is on the Pi.
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Is there any interest in any of this? Like most people, I'm short of free time and want to spend it where it will do some good.

Jim - K6JM

10402. Re: RE: [gmsk_dv_node] Documentation question

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-08-12 07:47:23 UTC
From: Roger Kolodziej
Topic: 10397 Message: 10402

Jim this is a great idea and look forward to seeing how it comes together.
Cheers
Roger VK2VRK

Sent from Yahoo!7 Mail on Android

10403. Other modulation schemes?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-08-12 10:02:20 UTC
From: Mark Aitken
Topic: 10403 Message: 10403

Hi Guys,

I know that the node adaptors are a GMSK adaptor and can be configured as repeaters with suitable radios, what about other modulation schemes? like FDAM (4fsk), P25 (C4FM) and the like.

Will these node adaptors pass the data between two radios to form a repeater for these other schemes???

Thanks for your reply

Mark

10404. Re: Other modulation schemes?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-08-13 16:13:42 UTC
From: John
Topic: 10403 Message: 10404

No.

Each of these modes has a protocol, not just modulation. The node adapters firmware is designed for D-STAR and they use a chip which is designed for GMSK.

--- In gmsk_dv_node@yahoogroups.com, Mark Aitken <vk3jma@...> wrote:
>
> Hi Guys,
>
> I know that the node adaptors are a GMSK adaptor and can be configured as repeaters with suitable radios, what about other modulation schemes? like FDAM (4fsk), P25 (C4FM) and the like.
>
> Will these node adaptors pass the data between two radios to form a repeater for these other schemes???
>
> Thanks for your reply
>
> Mark
>

10405. Re: [gmsk_dv_node] DUTCH*Star firmware board - changing USB pid

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-08-18 08:00:32 UTC
From: Jeremy J Barbouttis
Topic: 10390 Message: 10405

Hi,

I doubt this is the right new group for this question so please let me know if that is the case, however, I am just not sure where else to look at this stage, so please let me know where I can go to get the answers if you do know:

I have a hot spot set up using the Moen Board and GMSK software, however I have realised today that I cannot connect to other repeaters. I can connect to Reflectors but not□ repeaters. Does anyone know why that might be? Or, where I can get answers about that?

Many Thanks

Jeremy

On Jul 22, 2013, at 04:50 AM, "J. M. Moen" <jim@...> wrote:

> From the DUTCH*Star website athttp://www.dutch-star.eu/software/, download NATools Set PID for Windows (32-bit).
>
> Jim – K6JM
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>
> PS The instructions say:
>
> Setting a different ProductID (PID) of a GMSK board.
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> The newer (V00.01.20 and up) firmware can be set to use an
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> ID different from the 0300 default. This can be useful in
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> systems where more than one such board is connected, for
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> example in a multi-port repeater controller.
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> To change the ID of a board:
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> - install the included GMSK.INF file.
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> - plug in a board (which is using 0300 as its ID), and then
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> connect to it using the included "nacfg.exe" tool.
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> The NACFG tool will connect to the board, and show its current
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> settings as usual. Note the "P" command, which can be used to
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> Using the P command, type in the desired ID. Although you
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> has been updated to allow for:
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>
> for standard GMSK Node Adapter, Mini-Hotspot and such boards.
>
> If you wish to use a different ID, please edit and update the
>
> GMSK.INF file first, and install it on your system before
>
> actually setting that new ID, or the board will no longer be
>
> recognized!
>
> After setting the new ID, it will be rebooted, and the PC
>
> should have no problem detecting the board using its new ID.
>
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Ken Nicely
> Sent: Saturday, July 20, 2013 7:59 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Using Moen Board for repeater
>
>
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>
> I assume I need to change the USB_ID form 0300 to something else like 0302 for the second board to set up a repeater. How do I change the USB_ID?
>
>
> Ken(KC) KE3C
>

10406. Re: [gmsk_dv_node] DUTCH*Star firmware board - changing USB pid

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-08-18 08:19:51 UTC
From: Adrian
Topic: 10390 Message: 10406

Jeremy, not sure which software you are using, but usually there will be one or more host files, containing the reflector list, but no gateways.

These can be added, and work in the same method.

I use Ki4LKF software and I consider my gwys.txt to be the most comprehensive available (after many hours work on it);

http://vk4tux.no-ip.org/gwys.txt

The 20001 = dplus , 30001 = dextra & 30051 = DCS > systems to suit KI4LKF g2_link setup.

However if you have a gateway IP.x.x.x style host file, you can copy/paste to get what you want.

The list will be viewable in your web-browser..

I can connect to any gateway providing a DV port here, including the Japanese. They are all there.

Adrian ... vk4tux

-----Original Message-----
From: Jeremy J Barbouttis <vk2mjm@...>
Reply-to: gmsk_dv_node@yahoogroups.com
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] DUTCH*Star firmware board - changing USB pid
Date: Sun, 18 Aug 2013 08:00:32 +0000 (GMT)

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Many Thanks

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> USB_ID?
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> Ken(KC) KE3C
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10407. Connecting hot spot to Repeaters

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-08-18 08:23:48 UTC
From: Jeremy J Barbouttis
Topic: 10407 Message: 10407

Hi,

I doubt this is the right new group for this question so please let me know if that is the case, however, I am just not sure where else to look at this stage, so please let me know where I can go to get the answers if you do know:

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Many Thanks

Jeremy

VK2MJM☐

10408. Re: [gmsk_dv_node] DUTCH*Star firmware board - changing USB pid

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-08-18 08:47:07 UTC
From: Jeremy J Barbouttis
Topic: 10390 Message: 10408

Hi Adrian,

This is great and being able to connect to any Japanese repeater is way more than I expected. Fantastic!

I am using the same software.

I created a file to connect to the XRF005 B & XRF905 B

In fact I only added XRF005 B, today so it is fresh in my mind.

It is the DPlus_Host File. So I am guessing the procedure I understand is to simply copy and paste from your list, unless there is an easier way, but I would instructions for that.

Many thanks,

Jeremy

VK2MJM□

On Aug 18, 2013, at 06:19 PM, Adrian <vk4tux@...> wrote:

> Jeremy, not sure which software you are using, but usually there will be one or more host files, containing the reflector list,
> but no gateways.
>
> These can be added, and work in the same method.
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> I use Ki4LKF software and I consider my gwys.txt to be the most comprehensive available (after many hours work on it);
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> http://vk4tux.no-ip.org/gwys.txt
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> The 20001 = dplus , 30001 = dextra & 30051 = DCS > systems to suit KI4LKF g2_link setup.
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> However if you have a gateway IP.x.x.x style host file, you can copy/paste to get what you want.
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> The list will be viewable in your web-browser..
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> I can connect to any gateway providing a DV port here, including the Japanese. They are all there.
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> Adrian ... vk4tux
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>

> -----Original Message-----
> From: Jeremy J Barbouttis <vk2mjm@...>
> Reply-to: gmsk_dv_node@yahoogroups.com
> To: gmsk_dv_node@yahoogroups.com
> Subject: Re: [gmsk_dv_node] DUTCH*Star firmware board - changing USB pid
> Date: Sun, 18 Aug 2013 08:00:32 +0000 (GMT)
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10409. Re: [gmsk_dv_node] DUTCH*Star firmware board - changing USB pid

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-08-18 09:04:01 UTC
From: Adrian
Topic: 10390 Message: 10409

Ok you are using the JN stuff, then use these;

http://vk4tux.no-ip.org/DPlus_Hosts.txt

http://vk4tux.no-ip.org/DExtra_Hosts.txt

Adrian ... vk4tux

-----Original Message-----
From: Jeremy J Barbouttis <vk2mjm@...>
Reply-to: gmsk_dv_node@yahoogroups.com
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] DUTCH*Star firmware board - changing USB pid
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> repeaters. I can connect to Reflectors but not repeaters. Does anyone
> know why that might be? Or, where I can get answers about that?
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>
> Many Thanks
>
> Jeremy
>
>
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> On Jul 22, 2013, at 04:50 AM, "J. M. Moen" <jim@...> wrote:
>
>
>

>
> >
> > From the DUTCH*Star website athttp://www.dutch-star.eu/software/,
> > download NATools Set PID for Windows (32-bit).
> >
> > Jim – K6JM
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> > PS The instructions say:
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> > From: gmsk_dv_node@yahoogroups.com
> > [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Ken Nicely
> > Sent: Saturday, July 20, 2013 7:59 PM
> > To: gmsk_dv_node@yahoogroups.com
> > Subject: [gmsk_dv_node] Using Moen Board for repeater
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> > Ken(KC) KE3C
> >
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> >
>

10410. Re: [gmsk_dv_node] DUTCH*Star firmware board - changing USB pid

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-08-18 09:33:40 UTC
From: Jeremy J Barbouttis
Topic: 10390 Message: 10410

Hi Adrian,

Thank you for this.

I am worried I have to retype.

I have a Raspberry pi and am thinking I might have to retype the data.

Is there another way?

Thanks

Jeremy

VK2MJM☐
On Aug 18, 2013, at 07:04 PM, Adrian <vk4tux@...> wrote:

> Ok you are using the JN stuff, then use these;
>
> http://vk4tux.no-ip.org/DPlus_Hosts.txt
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> Adrian ... vk4tux
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> -----Original Message-----
> From: Jeremy J Barbouttis <vk2mjm@...>
> Reply-to: gmsk_dv_node@yahoogroups.com
> To: gmsk_dv_node@yahoogroups.com
> Subject: Re: [gmsk_dv_node] DUTCH*Star firmware board - changing USB pid
> Date: Sun, 18 Aug 2013 08:47:07 +0000 (GMT)
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> Hi Adrian,
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> This is great and being able to connect to any Japanese repeater is way more than I expected. Fantastic!
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> I created a file to connect to the XRF005 B & XRF905 B
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> In fact I only added XRF005 B, today so it is fresh in my mind.
>
> It is the DPlus_Host File. So I am guessing the procedure I understand is to simply copy and paste from your list, unless there is an easier way, but I would instructions for that.
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> Many thanks,
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> Jeremy
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>> The 20001 = dplus , 30001 = dextra & 30051 = DCS > systems to suit KI4LKF g2_link setup.
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>> From: Jeremy J Barbouttis <vk2mjm@...>
>> Reply-to: gmsk_dv_node@yahoogroups.com
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Ken Nicely
>>> Sent: Saturday, July 20, 2013 7:59 PM
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>>> Subject: [gmsk_dv_node] Using Moen Board for repeater
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second board to set up a repeater. How do I change the USB_ID?
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>>> Ken(KC) KE3C
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>>>
>>>
>>
>

10411. Re: [gmsk_dv_node] DUTCH*Star firmware board - changing USB pid

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-08-18 09:56:36 UTC
From: Adrian
Topic: 10390 Message: 10411

In your raspberry pi with /usr/local/etc path to host files, do this on the pi terminal;

cd /usr/bin

sudo wget vk4tux.no-ip.org/hostup.sh

sudo chmod 777 hostup.sh

hostup.sh

Will install the new host files and rename the originals to .....bak

Later on running

hostup.sh

from any directory will update the files correctly with the new capacity.

My

vk4tux.no-ip.org/gwyup.sh

does the same thing for g2_link (ki4lkf)

Adrian ... vk4tux

-----Original Message-----
From: Jeremy J Barbouttis <vk2mjm@...>
Reply-to: gmsk_dv_node@yahoogroups.com
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] DUTCH*Star firmware board - changing USB pid
Date: Sun, 18 Aug 2013 09:33:40 +0000 (GMT)

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I am worried I have to retype.

I have a Raspberry pi and am thinking I might have to retype the data.

Is there another way?

Thanks

Jeremy

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> -----Original Message-----
> From: Jeremy J Barbouttis <vk2mjm@...>
> Reply-to: gmsk_dv_node@yahoogroups.com
> To: gmsk_dv_node@yahoogroups.com
> Subject: Re: [gmsk_dv_node] DUTCH*Star firmware board - changing USB
> pid
> Date: Sun, 18 Aug 2013 08:47:07 +0000 (GMT)
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> Hi Adrian,
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>
> This is great and being able to connect to any Japanese repeater is
> way more than I expected. Fantastic!
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> I created a file to connect to the XRF005 B & XRF905 B
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> In fact I only added XRF005 B, today so it is fresh in my mind.
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> It is the DPlus_Host File. So I am guessing the procedure I understand
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> > From: Jeremy J Barbouttis <vk2mjm@...>
> > Reply-to: gmsk_dv_node@yahoogroups.com
> > To: gmsk_dv_node@yahoogroups.com
> > Subject: Re: [gmsk_dv_node] DUTCH*Star firmware board - changing USB
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> > Date: Sun, 18 Aug 2013 08:00:32 +0000 (GMT)
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> > > From: gmsk_dv_node@yahoogroups.com
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> > > Sent: Saturday, July 20, 2013 7:59 PM
> > > To: gmsk_dv_node@yahoogroups.com
> > > Subject: [gmsk_dv_node] Using Moen Board for repeater
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10412. Re: [gmsk_dv_node] DUTCH*Star firmware board - changing USB pid

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-08-18 10:13:00 UTC
From: Jeremy J Barbouttis
Topic: 10390 Message: 10412

Hi Adrian,

Thanks.

This is great.

Jeremy
VK2MJM☐

On Aug 18, 2013, at 07:56 PM, Adrian <vk4tux@...> wrote:

> In your raspberry pi with /usr/local/etc path to host files, do this on the pi terminal;
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> Will install the new host files and rename the originals to .....bak
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> -----Original Message-----
> From: Jeremy J Barbouttis <vk2mjm@...>
> Reply-to: gmsk_dv_node@yahoogroups.com
> To: gmsk_dv_node@yahoogroups.com

> Subject: Re: [gmsk_dv_node] DUTCH*Star firmware board - changing USB pid
> Date: Sun, 18 Aug 2013 09:33:40 +0000 (GMT)
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> Hi Adrian,
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> Thank you for this.
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10413. Re: [gmsk_dv_node] DUTCH*Star firmware board - changing USB pid

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-08-18 10:48:35 UTC
From: Jeremy J Barbouttis
Topic: 10390 Message: 10413

Hi Adrian,

Before I do this, I want to be 100% sure I know what I am doing.

I added a couple of the IP addresses by hand and it worked fine.

The pathway where the existing files are is cd /root.

I first type in sudo su

Then cd /root

Then access the file with leafpad, make changes etc.

So, do I just open LX Terminal and type: -

cd /usr/bin

sudo wget vk4tux.no-ip.org/hostup.sh

sudo chmod 777 hostup.sh

hostup.sh

and this will work, or do I need also to type

sudo su
cd /root

Thanks

Jeremy
VK2MJM□

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> I am worried I have to retype.
>
> I have a Raspberry pi and am thinking I might have to retype the data.
>
> Is there another way?
>
> Thanks
>
> Jeremy
>
> VK2MJM
> On Aug 18, 2013, at 07:04 PM, Adrian <vk4tux@...> wrote:
>
>>
>> Ok you are using the JN stuff, then use these;
>>
>> http://vk4tux.no-ip.org/DPlus_Hosts.txt
>>
>> http://vk4tux.no-ip.org/DExtra_Hosts.txt
>>

>> Adrian ... vk4tux
>>
>> -----Original Message-----
>> From: Jeremy J Barbouttis <vk2mjm@...>
>> Reply-to: gmsk_dv_node@yahoogroups.com
>> To: gmsk_dv_node@yahoogroups.com
>> Subject: Re: [gmsk_dv_node] DUTCH*Star firmware board - changing USB pid
>> Date: Sun, 18 Aug 2013 08:47:07 +0000 (GMT)
>>
>> Hi Adrian,
>>
>>
>> This is great and being able to connect to any Japanese repeater is way more than I expected. Fantastic!
>>
>> I am using the same software.
>>
>> I created a file to connect to the XRF005 B & XRF905 B
>>
>> In fact I only added XRF005 B, today so it is fresh in my mind.
>>
>> It is the DPlus_Host File. So I am guessing the procedure I understand is to simply copy and paste from your list, unless there is an easier way, but I would instructions for that.
>>
>>
>> Many thanks,
>>
>> Jeremy
>>
>> VK2MJM
>>
>>
>>
>> On Aug 18, 2013, at 06:19 PM, Adrian <vk4tux@...> wrote:
>>
>>
>>
>>>
>>> Jeremy, not sure which software you are using, but usually there will be one or more host files, containing the reflector list,
>>> but no gateways.
>>>
>>> These can be added, and work in the same method.
>>>
>>> I use Ki4LKF software and I consider my gwys.txt to be the most comprehensive available (after many hours work on it);
>>>
>>> http://vk4tux.no-ip.org/gwys.txt
>>>
>>> The 20001 = dplus , 30001 = dextra & 30051 = DCS > systems to suit KI4LKF g2_link

setup.
>>>
>>> However if you have a gateway IP.x.x.x style host file, you can copy/paste to get what you want.
>>>
>>> The list will be viewable in your web-browser..
>>>
>>> I can connect to any gateway providing a DV port here, including the Japanese. They are all there.
>>>
>>>
>>> Adrian ... vk4tux
>>>
>>>
>>> -----Original Message-----
>>> From: Jeremy J Barbouttis <vk2mjm@...>
>>> Reply-to: gmsk_dv_node@yahoogroups.com
>>> To: gmsk_dv_node@yahoogroups.com
>>> Subject: Re: [gmsk_dv_node] DUTCH*Star firmware board - changing USB pid
>>> Date: Sun, 18 Aug 2013 08:00:32 +0000 (GMT)
>>>
>>> Hi,
>>>
>>>
>>> I doubt this is the right new group for this question so please let me know if that is the case, however, I am just not sure where else to look at this stage, so please let me know where I can go to get the answers if you do know:
>>>
>>>
>>> I have a hot spot set up using the Moen Board and GMSK software, however I have realised today that I cannot connect to other repeaters. I can connect to Reflectors but not repeaters. Does anyone know why that might be? Or, where I can get answers about that?
>>>
>>>
>>> Many Thanks
>>>
>>> Jeremy
>>>
>>>
>>>
>>> On Jul 22, 2013, at 04:50 AM, "J. M. Moen" <jim@...> wrote:
>>>
>>>
>>>
>>>
>>>>
>>>> From the DUTCH*Star website athttp://www.dutch-star.eu/software/, download NATools Set PID for Windows (32-bit).
>>>>
>>>> Jim – K6JM
>>>>
>>>>

>>>> PS The instructions say:
>>>>
>>>> Setting a different ProductID (PID) of a GMSK board.
>>>>
>>>> The newer (V00.01.20 and up) firmware can be set to use an
>>>>
>>>> ID different from the 0300 default. This can be useful in
>>>>
>>>> systems where more than one such board is connected, for
>>>>
>>>> example in a multi-port repeater controller.
>>>>
>>>> To change the ID of a board:
>>>>
>>>> - install the included GMSK.INF file.
>>>>
>>>> - plug in a board (which is using 0300 as its ID), and then
>>>>
>>>> connect to it using the included "nacfg.exe" tool.
>>>>
>>>> The NACFG tool will connect to the board, and show its current
>>>>
>>>> settings as usual. Note the "P" command, which can be used to
>>>>
>>>> configure the board to use a different ID.
>>>>
>>>> Using the P command, type in the desired ID. Although you
>>>>
>>>> can use any ID there, the GMSK.INF driver information file
>>>>
>>>> has been updated to allow for:
>>>>
>>>> - 0300, 0320, 0322 and 0324
>>>>
>>>> for standard GMSK Node Adapter, Mini-Hotspot and such boards.
>>>>
>>>> If you wish to use a different ID, please edit and update the
>>>>
>>>> GMSK.INF file first, and install it on your system before
>>>>
>>>> actually setting that new ID, or the board will no longer be
>>>>
>>>> recognized!
>>>>
>>>> After setting the new ID, it will be rebooted, and the PC
>>>>
>>>> should have no problem detecting the board using its new ID.
>>>>
>>>>
>>>> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of

Ken Nicely
>>>> Sent: Saturday, July 20, 2013 7:59 PM
>>>> To: gmsk_dv_node@yahoogroups.com
>>>> Subject: [gmsk_dv_node] Using Moen Board for repeater
>>>>
>>>>
>>>>
>>>>
>>>> I assume I need to change the USB_ID form 0300 to something else like 0302 for the second board to set up a repeater. How do I change the USB_ID?
>>>>
>>>>
>>>> Ken(KC) KE3C
>>>>
>>>>
>>>>
>>>
>>
>

10414. Linking to Repeaters

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-08-18 11:05:44 UTC
From: J. M. Moen
Topic: 10414 Message: 10414

Jeremy,

Just read your notes and Adrian's responses, and I think you have the answer for your situation and the software you've chosen.

For others not using that software, here are some additional thoughts, as best I understand from testing and reading other notes:
* ICOM or G4ULF Repeater/Gateways that have installed DPlus announce themselves to DPlus and their name/IP are kept track on DPlus's callsign server.
* Some Hotspot programs, for example, DVAR HotSpot, function as DPlus clients (much like DVAPs running DVAPTools and DV Dongles running DVTools), and DPlus will inform the Hotspot program about currently-running DPlus Repeater/Gateways as well as DPlus Reflectors. That's why DVAR's Configure>Gateway Settings> Select Repeater has a drop-down list of all currently-running Repeaters and Reflectors that are DPlus-enabled. So for DPlus nodes, you don't need a static list of callsigns and IP addresses.
* If DVAR has been configured to use another callsign server in addition to the DPlus one - for example, the DUTCH*Star NLRoot callsign server, then programs that "check-in" to that callsign server will also be listed. So DVAR will show all DPlus Repeater/Gateways, DPlus Reflectors AND Hotspots running either DVAR (using DUTCH* callsign server), WinDV, or G4KLX. This is also true of WinDV, since by default, it uses the DUTCH*Star callsign server.
* G4KLX does "check-in" to the DUTCH*Star callsign server, so a G4KLX Hotspot can be located by DVAR or WinDV, but G4KLX does not retrieve the list of all DPlus nodes like DVAR and WinDV do and G4KLX doesn't provide a drop-down list of currently running DPlus nodes.
* The trend with DExtra and DCS has been away from this approach. But as Adrian points out, if you populate your own list of Repeater callsigns and their IP addresses, most all the programs people use will allow you to connect to Repeaters.
* ircDDB provides a good way to callsign route, and CCS an ever better way, and this is becoming increasingly popular so hams can easily connect to wherever a particular callsign was most recently heard. STARnet Digital provides another creative way to connect using callsign routing. CCS allows DTMF codes to be assigned to user callsigns, making it easy to "dial up" that callsign's most recently-used repeater or hotspot.
* Bottom line - we all have many choices, which is good, since we may have different needs, but isn't so good because of the added complexity.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeremy J Barbouttis
Sent: Sunday, August 18, 2013 1:01 AM

To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] DUTCH*Star firmware board - changing USB pid

Hi,

I doubt this is the right new group for this question so please let me know if that is the case, however, I am just not sure where else to look at this stage, so please let me know where I can go to get the answers if you do know:

I have a hot spot set up using the Moen Board and GMSK software, however I have realised today that I cannot connect to other repeaters. I can connect to Reflectors but not repeaters. Does anyone know why that might be? Or, where I can get answers about that?

Many Thanks

Jeremy

10415. Re: [gmsk_dv_node] DUTCH*Star firmware board - changing USB pid

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-08-18 11:27:09 UTC
From: Adrian
Topic: 10390 Message: 10415

'and this will work, or do I need also to type

sudo su
cd /root'

No, just as I have shown, pi will be allowed sudo access, with no
password required under wheel group in visudo.

The same is true for ham in my Pidora image.

if you follow just as shown, you will be fine with a westerndstar image.

Or with the tuxDSTARPIRCauto image, which already has hostup.sh
included.

Once you have done as shown hostup.sh will execute at any prompt
as /usr/bin is in your profile path.

i.e. ./ is not required

Adrian ... vk4tux

10416. RE: [gmsk_dv_node] DUTCH*Star firmware board - changing USB pid

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-08-18 11:32:41 UTC
From: Fred PA4YBR
Topic: 10390 Message: 10416

Ade,

I'd consider it "bad sysadminning" to install non-system stuff in a system directory (/usr/bin). Why not have this in /usr/local, or, as I have been doing, /dstar/bin ?

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Adrian
Sent: Sunday, August 18, 2013 1:27 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] DUTCH*Star firmware board - changing USB pid

'and this will work, or do I need also to type

sudo su
cd /root'

No, just as I have shown, pi will be allowed sudo access, with no password required under wheel group in visudo.

The same is true for ham in my Pidora image.

if you follow just as shown, you will be fine with a westerndstar image.

Or with the tuxDSTARPIRCauto <https://www.dropbox.com/sh/dunc99cqzuo7qar/nNpLH-gD96/Latest...726.725...FreeDV...RTsys> image, which already has hostup.sh included.

Once you have done as shown hostup.sh will execute at any prompt as /usr/bin is in your profile path.

i.e. ./ is not required

Adrian ... vk4tux

10417. Re: [gmsk_dv_node] DUTCH*Star firmware board - changing USB pid

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-08-18 11:44:42 UTC
From: Adrian
Topic: 10390 Message: 10417

Jeremy, I put my tuxDSTARPIRCauto image in to show you the example, >
ssh access;

```
[root@fedora19desk ~]# ssh ham@10.0.0.8
ham@10.0.0.8's password:
Last login: Sun Aug 18 21:41:10 2013 from fedora19desk.gateway
[ham@raspi ~]$ cd /usr/bin
[ham@raspi bin]$ sudo wget vk4tux.no-ip.org/hostup.sh
--2013-08-18 21:42:48-- http://vk4tux.no-ip.org/hostup.sh
Resolving vk4tux.no-ip.org... 124.185.157.27
Connecting to vk4tux.no-ip.org|124.185.157.27|:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 398 [application/octet-stream]
Saving to: ‘hostup.sh’

100%[======================================================================>] 398
--.-K/s in 0s

2013-08-18 21:42:48 (3.61 MB/s) - ‘hostup.sh’ saved [398/398]

[ham@raspi bin]$ sudo chmod 777 hostup.sh
[ham@raspi bin]$ hostup.sh
--2013-08-18 21:43:19-- http://vk4tux.no-ip.org/DExtra_Hosts.txt
Resolving vk4tux.no-ip.org... 124.185.157.27
Connecting to vk4tux.no-ip.org|124.185.157.27|:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 23257 (23K) [text/plain]
Saving to: ‘DExtra_Hosts.txt’

100%[======================================================================>] 23,257
--.-K/s in 0.01s

2013-08-18 21:43:20 (2.29 MB/s) - ‘DExtra_Hosts.txt’ saved [23257/23257]

--2013-08-18 21:43:20-- http://vk4tux.no-ip.org/DPlus_Hosts.txt
Resolving vk4tux.no-ip.org... 124.185.157.27
Connecting to vk4tux.no-ip.org|124.185.157.27|:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 22862 (22K) [text/plain]
Saving to: ‘DPlus_Hosts.txt’

100%[======================================================================>] 22,862
--.-K/s in 0.003s

2013-08-18 21:43:20 (6.66 MB/s) - ‘DPlus_Hosts.txt’ saved [22862/22862]
```

```
host files
updated
[ham@raspi bin]$
```

Adrian ... vk4tux

10418. Re: [gmsk_dv_node] DUTCH*Star firmware board - changing USB pid

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-08-18 19:51:14 UTC
From: Jeremy J Barbouttis
Topic: 10390 Message: 10418

Hi Adrian,

Yes, but once I took a closer look, mine doesn't go that way.

I typed in exactly what you do here, but still get all a very different response.

I cannot do a cut a paste to show you and it is way too long.

The first part when I put sudo wget vk4tux.no-ip.org/hostup.sh in is the same and then once I move onto

> [ham@raspi bin]$ sudo chmod 777 hostup.sh
> [ham@raspi bin]$ hostup.sh
>

it keep saying access denied and shows failures in writing the file, and I don't really know what to do about that.

There are many lines, which I cannot cut and paste to show you. In the end it says host files updated, which is confusing.

So, all I can do is try your image file, which is going to be another project, because I will have to write the image file to the SD card, which in itself may not go well, because I don't know how to remove the previous image.

I just hope I don't run into any more problems and hopefully I will be able to access the Pi via tight VNC Viewer?

I am actually linux/pi illiterate and learning as I go.

I hope this makes sense. I have to shut down the hotspot, because I cannot use it till I get the file installed. There's now only a one reflector I can connect to, being XRF 905 B.

Any ideas are appreciated.

Kind regards,

Jeremy

VK2MJM

On 18/08/2013, at 9:44 PM, Adrian <vk4tux@bigpond.com> wrote:

> Jeremy, I put my tuxDSTARPIRCauto image in to show you the example, > ssh access;
>
>
>
> [root@fedora19desk ~]# ssh ham@10.0.0.8
> ham@10.0.0.8's password:

```
> Last login: Sun Aug 18 21:41:10 2013 from fedora19desk.gateway
> [ham@raspi ~]$ cd /usr/bin
> [ham@raspi bin]$ sudo wget vk4tux.no-ip.org/hostup.sh
> --2013-08-18 21:42:48-- http://vk4tux.no-ip.org/hostup.sh
> Resolving vk4tux.no-ip.org... 124.185.157.27
> Connecting to vk4tux.no-ip.org|124.185.157.27|:80... connected.
> HTTP request sent, awaiting response... 200 OK
> Length: 398 [application/octet-stream]
> Saving to: ‘hostup.sh’
>
> 100%[======================================================================>] 398
--.-K/s in 0s
>
> 2013-08-18 21:42:48 (3.61 MB/s) - ‘hostup.sh’ saved [398/398]
>
> [ham@raspi bin]$ sudo chmod 777 hostup.sh
> [ham@raspi bin]$ hostup.sh
> --2013-08-18 21:43:19-- http://vk4tux.no-ip.org/DExtra_Hosts.txt
> Resolving vk4tux.no-ip.org... 124.185.157.27
> Connecting to vk4tux.no-ip.org|124.185.157.27|:80... connected.
> HTTP request sent, awaiting response... 200 OK
> Length: 23257 (23K) [text/plain]
> Saving to: ‘DExtra_Hosts.txt’
>
> 100%[======================================================================>] 23,257
--.-K/s in 0.01s
>
> 2013-08-18 21:43:20 (2.29 MB/s) - ‘DExtra_Hosts.txt’ saved [23257/23257]
>
> --2013-08-18 21:43:20-- http://vk4tux.no-ip.org/DPlus_Hosts.txt
> Resolving vk4tux.no-ip.org... 124.185.157.27
> Connecting to vk4tux.no-ip.org|124.185.157.27|:80... connected.
> HTTP request sent, awaiting response... 200 OK
> Length: 22862 (22K) [text/plain]
> Saving to: ‘DPlus_Hosts.txt’
>
> 100%[======================================================================>] 22,862
--.-K/s in 0.003s
>
> 2013-08-18 21:43:20 (6.66 MB/s) - ‘DPlus_Hosts.txt’ saved [22862/22862]
>
> host files updated
> [ham@raspi bin]$
>
>
> Adrian ... vk4tux
>
>
```

10419. IC-7100 DVAR Hot Spot settings

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-08-24 20:05:38 UTC
From: wa4te
Topic: 10419 Message: 10419

Using a Moen STAR BOARD with the "DVAR Hot Spot software. Had it running with my old IC-7000 but having problems getting it to run on my new IC-7100. Convinced it's a radio settings problem. Software with no changes made to S/W settings or Star Board. Only swapped radios. I did set the Baud rate in the IC-7100 to 9600. But cannot remember what other settings need tweaked. Anyone figured them out for the new 7100? Deeply appreciate any help. Thanks TOM WA4TE 73'3

10420. Re: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-08-24 20:28:26 UTC
From: David Webb
Topic: 10419 Message: 10420

Tom,

Try changing the TX and or RX inversion in the Star board firmware.

Dave-KB1PVH

On Sat, Aug 24, 2013 4:05 PM EDT wa4te wrote:

>Using a Moen STAR BOARD with the "DVAR Hot Spot software. Had it running with my old IC-7000 but having problems getting it to run on my new IC-7100. Convinced it's a radio settings problem. Software with no changes made to S/W settings or Star Board. Only swapped radios. I did set the Baud rate in the IC-7100 to 9600. But cannot remember what other settings need tweaked. Anyone figured them out for the new 7100? Deeply appreciate any help. Thanks TOM WA4TE 73'3
>

10421. RE: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-08-27 17:12:51 UTC
From: J. M. Moen
Topic: 10419 Message: 10421

Good answer.

Each radio model (even from the same manufacturer) and each band may have different Inversion needs. When changing radios or bands, it's best to go back to the original process of using NAWinTEST -- first RF Read to get the RX Invert set right, then Echo Test to get TX Invert set right.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of David Webb
Sent: Saturday, August 24, 2013 1:28 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings

Tom,

Try changing the TX and or RX inversion in the Star board firmware.

Dave-KB1PVH

On Sat, Aug 24, 2013 4:05 PM EDT wa4te wrote:

>Using a Moen STAR BOARD with the "DVAR Hot Spot software. Had it running with my old IC-7000 but having problems getting it to run on my new IC-7100. Convinced it's a radio settings problem. Software with no changes made to S/W settings or Star Board. Only swapped radios. I did set the Baud rate in the IC-7100 to 9600. But cannot remember what other settings need tweaked. Anyone figured them out for the new 7100? Deeply appreciate any help. Thanks
TOM WA4TE 73'3
>
--

10422. Re: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-08-28 10:54:23 UTC
From: Tom Kohli
Topic: 10419 Message: 10422

Thanks, Jim, i appreciate your help. But, how do I "change the RX and, or the TX inversion"? Is this a setting on the board, or do i need tho re-program the firmware?

Tom, wa4te, 73's

On Aug 27, 2013, at 1:12 PM, "J. M. Moen" <jim@...> wrote:

> Good answer.
>
> Each radio model (even from the same manufacturer) and each band may have different Inversion needs. When changing radios or bands, it’s best to go back to the original process of using NAWinTEST -- first RF Read to get the RX Invert set right, then Echo Test to get TX Invert set right.
>
>
> Jim – K6JM
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of David Webb
> Sent: Saturday, August 24, 2013 1:28 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: Re: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings
>
> Tom,
>
> Try changing the TX and or RX inversion in the Star board firmware.
>
> Dave-KB1PVH
>
> ------------------------------
> On Sat, Aug 24, 2013 4:05 PM EDT wa4te wrote:
>
> >Using a Moen STAR BOARD with the "DVAR Hot Spot software. Had it running with my old IC-7000 but having problems getting it to run on my new IC-7100. Convinced it's a radio settings problem. Software with no changes made to S/W settings or Star Board. Only swapped radios. I did set the Baud rate in the IC-7100 to 9600. But cannot remember what other settings need tweaked. Anyone figured them out for the new 7100? Deeply appreciate any help. Thanks TOM WA4TE 73'3
> > >
>
> --
>
>

10423. Re: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-08-28 11:48:46 UTC
From: David Webb
Topic: 10419 Message: 10423

Tom,

You will need to use NAWinCFG to change the RX and or TX invert in the firmware. After you change ONE of them, you can open NAWinTEST and use RF Read to see if the change in the invert was correct. If that wasn't it, go back and change the other invert and try RF Read again.

Dave-KB1PVH

>Thanks, Jim, i appreciate your help. But, how do I "change the RX and, or the TX inversion"? Is this a setting on the board, or do i need tho re-program the firmware?
>
>Tom, wa4te, 73's
>
>
>On Aug 27, 2013, at 1:12 PM, "J. M. Moen" <jim@...> wrote:
>
>> Good answer.
>>
>> Each radio model (even from the same manufacturer) and each band may have different Inversion needs. When changing radios or bands, it’s best to go back to the original process of using NAWinTEST -- first RF Read to get the RX Invert set right, then Echo Test to get TX Invert set right.
>>
>>
>> Jim – K6JM
>>
>> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of David Webb
>> Sent: Saturday, August 24, 2013 1:28 PM
>> To: gmsk_dv_node@yahoogroups.com
>> Subject: Re: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings
>>
>> Tom,
>>
>> Try changing the TX and or RX inversion in the Star board firmware.
>>
>> Dave-KB1PVH
>>
>> ------------------------------
>> On Sat, Aug 24, 2013 4:05 PM EDT wa4te wrote:
>>
>> >Using a Moen STAR BOARD with the "DVAR Hot Spot software. Had it running with my old IC-7000 but having problems getting it to run on my new IC-7100. Convinced it's a radio settings problem. Software with no changes made to S/W settings or Star Board. Only swapped radios. I did set the Baud rate in the IC-7100 to 9600. But cannot remember what other

settings need tweaked. Anyone figured them out for the new 7100? Deeply appreciate any help. Thanks TOM WA4TE 73'3
>> >
>>
>> __
>>
>>

10424. Combination Raspberry and Dutch*Star GMSK modem doesn't work

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-08-30 09:33:17 UTC
From: <henri_hendriksen@...>
Topic: 10424 Message: 10424

Hello,

I get no communication between a Raspberry and the Dutch*star GMSK modem. On the Raspberry i'm running GMSK repeater and ircDDB gateway. Both application are running and ircDDB is connected. The window GMSK repeater show only the "listening" status and TX on OFF. No data is received or transmitted.

I've tested the Dutch*Star modem connected to a Windows PC using NAtools. No problems on that. Receiving and transmitting is working fine.

The connection between RPi and GSMK is tested with and without a powered USB hub.

Conclusion is that the parts separately work, but the combination not.

Who can help?

73, Henri PA2HH.

10425. RE: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-08-30 21:05:30 UTC
From: J. M. Moen
Topic: 10419 Message: 10425

Dave gave the answer. For those reading the mail, take a look at our FAQ, questions 6 and 7 at
http://www.gmskdvnode.info/

Jim

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of David Webb
Sent: Wednesday, August 28, 2013 4:49 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings

Tom,

You will need to use NAWinCFG to change the RX and or TX invert in the firmware. After you change ONE of them, you can open NAWinTEST and use RF Read to see if the change in the invert was correct. If that wasn't it, go back and change the other invert and try RF Read again.

Dave-KB1PVH

>Thanks, Jim, i appreciate your help. But, how do I "change the RX and, or the TX inversion"? Is this a setting on the board, or do i need tho re-program the firmware?
>
>Tom, wa4te, 73's
>
>
>On Aug 27, 2013, at 1:12 PM, "J. M. Moen" <jim@... <mailto:jim%40k6jm.com> > wrote:
>
>> Good answer.
>>
>> Each radio model (even from the same manufacturer) and each band may have different Inversion needs. When changing radios or bands, it’s best to go back to the original process of using NAWinTEST -- first RF Read to get the RX Invert set right, then Echo Test to get TX Invert set right.
>>
>>
>> Jim – K6JM
>>
>> From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com> [mailto:gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>] On Behalf Of David Webb
>> Sent: Saturday, August 24, 2013 1:28 PM
>> To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
>> Subject: Re: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings
>>

>> Tom,
>>
>> Try changing the TX and or RX inversion in the Star board firmware.
>>
>> Dave-KB1PVH
>>
>> ------------------------------
>> On Sat, Aug 24, 2013 4:05 PM EDT wa4te wrote:
>>
>> >Using a Moen STAR BOARD with the "DVAR Hot Spot software. Had it running with my old IC-7000 but having problems getting it to run on my new IC-7100. Convinced it's a radio settings problem. Software with no changes made to S/W settings or Star Board. Only swapped radios. I did set the Baud rate in the IC-7100 to 9600. But cannot remember what other settings need tweaked. Anyone figured them out for the new 7100? Deeply appreciate any help. Thanks TOM WA4TE 73'3
>> >
>>
>> __
>>
>>

10426. RE: Combination Raspberry and Dutch*Star GMSK modem doesn't work

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-08-31 19:54:52 UTC
From: <henri_hendriksen@...>
Topic: 10424 Message: 10426

Problem found. The firmware of the modem has to be changed to 00.01.31-02.

--- In gmsk_dv_node@yahoogroups.com, <henri_hendriksen@...> wrote:

Hello,

I get no communication between a Raspberry and the Dutch*star GMSK modem. On the Raspberry i'm running GMSK repeater and ircDDB gateway. Both application are running and ircDDB is connected. The window GMSK repeater show only the "listening" status and TX on OFF. No data is received or transmitted.

I've tested the Dutch*Star modem connected to a Windows PC using NAtools. No problems on that. Receiving and transmitting is working fine.

The connection between RPi and GSMK is tested with and without a powered USB hub.

Conclusion is that the parts separately work, but the combination not.

Who can help?

73, Henri PA2HH.

10427. Alternate Image

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-02 14:26:32 UTC
From: Craig Gagner
Topic: 10427 Message: 10427

After a lot of development Adrian VK4TUX has a great Fedora Remix (Pidora) image to use with the Moencomm board. It is using the latest KLX software, GMSKRepeater and ircDDBGateway. It also has a web server and php set up for a dashboard http://kc1aci.no-ip.org . He should have it available in the next day or so for download.

Unfortunately you cannot use the DStarRepeater program with the Moencomm board as there is a problem with the software not passing audio, all you get is beeps so we stayed with the GMSKRepeater module which works perfectly.

This is a great image for those more comfortable with the Fedora style of Linux.

Adrians web site is http://vk4tux.no-ip.org and he uses Dropbox to host his image files. I am sure he will post on his web page when he gets it uploaded!

73

Craig, W1MSG

KC1ACI Repeater

10428. RE: [gmsk_dv_node] Alternate Image

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-02 14:34:25 UTC
From: Fred PA4YBR
Topic: 10427 Message: 10428

Craig,

Would it not be easier if people just download Jonathan's software as a package (I believe Hans DL5DI provides those) and then install that onto their Linux system ?

Not everyone knows how to compile Jonathan's sources- OK, that is not a problem. I do think they should know (or learn...) how to download and install (binary) packages of software they want to use, and not rely on complete plug-and-play system images....

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Craig Gagner
Sent: Monday, September 02, 2013 4:27 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Alternate Image

After a lot of development Adrian VK4TUX has a great Fedora Remix (Pidora) image to use with the Moencomm board. It is using the latest KLX software, GMSKRepeater and ircDDBGateway. It also has a web server and php set up for a dashboard http://kc1aci.no-ip.org . He should have it available in the next day or so for download.

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Craig, W1MSG

KC1ACI Repeater

10429. RE: [gmsk_dv_node] Alternate Image

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-02 15:04:07 UTC
From: Craig Gagner
Topic: 10427 Message: 10429

I do agree with you to a certain extent, but for the Linux Noob it is almost overwhelming. By using the packaged images I have learned more about using Linux than I thought possible in a very short time. It also allowed me to have my repeater up and running right away. That's when I started to experiment with installing the packages and such. I find that most people adhere to the plug and play more so than learning a new way of doing things.

I actually tried doing a compile using Han's scripts but there are no real instructions and I was missing a lot of extra stuff needed to do the compile. I eventually got it done, but for a new person to linux it would be a daunting task to accomplish. I never could find the Binary packages for download, maybe I am missing something?

73, Craig

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Fred PA4YBR
Sent: Monday, September 2, 2013 10:34 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Alternate Image

Craig,

Would it not be easier if people just download Jonathan's software as a

package (I believe Hans DL5DI provides those) and then install that onto

their Linux system ?

Not everyone knows how to compile Jonathan's sources- OK, that is not

a problem. I do think they should know (or learn...) how to download and

install (binary) packages of software they want to use, and not rely on

complete plug-and-play system images....

--fred

From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com> [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Craig Gagner
Sent: Monday, September 02, 2013 4:27 PM
To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>
Subject: [gmsk_dv_node] Alternate Image

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73

Craig, W1MSG

KC1ACI Repeater

10430. RE: [gmsk_dv_node] Alternate Image

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-02 15:23:19 UTC
From: Fred PA4YBR
Topic: 10427 Message: 10430

Hi Craig,

Yeah, agreed, doing "source installs" is probably a bit too much
for the newbie, and probably even for most people. It also means
having to keep up with several-to-many other packages on which
the software depends, and so on.

However, I *assumed* that the packages distributed by Hans are
actually binary (compiled) ones, which one just has to download
and then "install" using the system's package tools. That should
be doable for most users, and that's probably what Hans has in
mind... ?

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of Craig Gagner
Sent: Monday, September 02, 2013 5:04 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Alternate Image

I do agree with you to a certain extent, but for the Linux Noob it is almost
overwhelming. By using the packaged images I have learned more about using
Linux than I thought possible in a very short time. It also allowed me to
have my repeater up and running right away. That's when I started to
experiment with installing the packages and such. I find that most people
adhere to the plug and play more so than learning a new way of doing things.

I actually tried doing a compile using Han's scripts but there are no real
instructions and I was missing a lot of extra stuff needed to do the
compile. I eventually got it done, but for a new person to linux it would be
a daunting task to accomplish. I never could find the Binary packages for
download, maybe I am missing something?

73, Craig

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of Fred PA4YBR
Sent: Monday, September 2, 2013 10:34 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Alternate Image

Craig,

Would it not be easier if people just download Jonathan's software as a

package (I believe Hans DL5DI provides those) and then install that onto

their Linux system ?

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a problem. I do think they should know (or learn...) how to download and

install (binary) packages of software they want to use, and not rely on

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--fred

_____

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Sent: Monday, September 02, 2013 4:27 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Alternate Image

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73

Craig, W1MSG

KC1ACI Repeater

10431. Re: RE: [gmsk_dv_node] Alternate Image

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-02 15:55:02 UTC
From: Matthew Pitts
Topic: 10427 Message: 10431

Hans doesn't have binary packages for Pidora like he does for CentOS, Debian and Raspian.

Matthew Pitts
N8OHU

Sent from Yahoo! Mail on Android

10432. RE: RE: [gmsk_dv_node] Alternate Image

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-02 16:10:57 UTC
From: Fred PA4YBR
Topic: 10427 Message: 10432

Ah! Yeah, that would indeed not help ....

Maybe people should ask Hans to add Pidora to the
list of targets he builds for, then...

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Matthew Pitts
Sent: Monday, September 02, 2013 5:55 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: RE: [gmsk_dv_node] Alternate Image

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Matthew Pitts
N8OHU

Sent from Yahoo! Mail on Android

From: Fred PA4YBR <fred@...>;
To: <gmsk_dv_node@yahoogroups.com>;
Subject: RE: [gmsk_dv_node] Alternate Image
Sent: Mon, Sep 2, 2013 3:23:19 PM

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for the newbie, and probably even for most people. It also means
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However, I *assumed* that the packages distributed by Hans are
actually binary (compiled) ones, which one just has to download
and then "install" using the system's package tools. That should
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--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Craig Gagner

Sent: Monday, September 02, 2013 5:04 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Alternate Image

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--fred

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Sent: Monday, September 02, 2013 4:27 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Alternate Image

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73

Craig, W1MSG

KC1ACI Repeater

10433. Re: [gmsk_dv_node] Alternate Image

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-02 21:04:03 UTC
From: Adrian
Topic: 10427 Message: 10433

Thanks Craig, The image will be placed on dropbox

https://www.dropbox.com/sh/dunc99cqzuo7qar/JsjTnpayf_/Latest...831...725

'tuxMOENwebphp.img.zip' will replace

tuxMOENIRCauto.img.zip

which does not have the dashpage/webserver built in, however works 100%
stable with the Moencomm board.
The Image has the latest 831/725 setup.

Also has;

Urcall Commands : STOP REBOOT GRAPHIC

One click > headless (text mode) or Graphic mode setup. Clean logging
display, screenshot;

http://vk4tux.no-ip.org/pidesktop.jpg

I run a yum repository for these;

Rpi.repo Install: Do # sudo rpm -Uvh
http://vk4tux.no-ip.org/Rpi-Pidora-1.rpfr.armv6hl.rpm

Name
Last Modified
Size
Type
Parent Directory/

-
Directory
repodata/
2013-Sep-01
03:11:27
-
Directory
AnalogueRepeater-20130702-1.rpfr.armv6hl.rpm
2013-Jul-03
08:34:58
116.8K
application/x-rpm
AnalogueRepeater-20130704-1.rpfr.armv6hl.rpm
2013-Jul-04
20:26:06
117.8K

application/x-rpm
DV-20130219-1.rpfr.armv6hl.rpm
2013-Jun-06
22:03:50
261.3K
application/x-rpm
DVAPTool-rpi-1.04-1.rpfr.armv6hl.rpm
2013-Jun-07
04:34:33
773.1K
application/x-rpm
Repeater-20130523-1.rpfr.armv6hl.rpm
2013-May-30
00:06:29
840.0K
application/x-rpm
Repeater-20130615-1.rpfr.armv6hl.rpm
2013-Jun-21
22:21:34
855.8K
application/x-rpm
Repeater-20130622-1.rpfr.armv6hl.rpm
2013-Jun-22
23:02:10
855.6K
application/x-rpm
Repeater-20130702-1.rpfr.armv6hl.rpm
2013-Jul-03
10:08:13
656.4K
application/x-rpm
Repeater-20130726-1.rpfr.armv6hl.rpm
2013-Jul-26
20:40:27
660.1K
application/x-rpm
Repeater-20130831-1.rpfr.armv6hl.rpm
2013-Sep-01
00:50:39
664.4K
application/x-rpm
RepeaterExtras-20130702-1.rpfr.armv6hl.rpm
2013-Jul-03
08:39:22
134.9K
application/x-rpm
Rpi-Pidora-1.
rpfr.armv6hl.rpm
2013-Jun-12
21:04:01

2.3K
application/x-rpm
XReflector-20130302-1.rpfr. armv6hl.rpm
2013-Jun-18
23:39:21
307.5K
application/x-rpm
chirp-0.3-1.armv6hl.rpm
2013-Jun-09
16:02:25
536.9K
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chirp-0.4-0bpid1.armv6hl.rpm
2013-Jun-11
17:37:43
576.8K
application/x-rpm
codec2-0.2.0-2.rpfr.armv6hl.rpm
2013-Jul-05
14:44:46
239.8K
application/x-rpm
codec2-devel-0.2.0-2.rpfr.armv6hl.rpm
2013-Jul-05
14:44:48
2.2M
application/x-rpm
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2013-Jun-07
02:10:24
689.8K
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157.9K
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2013-May-30
01:20:01
789.4K
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ircDDBGateway-20130611-1.rpfr.armv6hl.rpm
2013-Jun-12
03:39:22
796.2K
application/x-rpm
ircDDBGateway-20130622-1.rpfr.armv6hl.rpm
2013-Jun-26

19:15:15
797.3K
application/x-rpm
ircDDBGateway-20130725-1.rpfr.armv6hl.rpm
2013-Jul-26
00:14:33
798.1K
application/x-rpm
libctb-0.16-2.rpfr.armv6hl.rpm
2013-Jul-05
13:36:19
42.4K
application/x-rpm
libctb-devel-0.16-2.rpfr.armv6hl.rpm
2013-Jul-05
13:37:11
474.5K
application/x-rpm
wxWidgets-2.9.4-1.rpfr.armv6hl.rpm
2013-Jul-06
08:00:05
5.3M
application/x-rpm
wxWidgets-devel-2.9.4-1.rpfr.armv6hl.rpm
2013-Jul-06
08:00:11
6.3M
application/x-rpm

rpm's are made by myself within hours of new releases.
the yum update, upgrade or downgrade lets you install and keep updated
with ease and simplicity.

Adrian ... vk4tux

-----Original Message-----
From: Craig Gagner <crgagner@...>
Reply-to: gmsk_dv_node@yahoogroups.com
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Alternate Image
Date: Mon, 2 Sep 2013 10:26:32 -0400

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Craig, W1MSG

KC1ACI Repeater

10434. RE: [gmsk_dv_node] Alternate Image

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-03 03:03:09 UTC
From: J. M. Moen
Topic: 10427 Message: 10434

Adrian,

I want to thank you for all the work you've done to make this possible. Like Craig, I'm a big believer in images for the Pi to help newbies get going fast, allowing them to have something working as they learn more about Linux. The Dashboard/webserver is a very nice addition to the image.

By the way, it's my experience that anything that works with the Star*Board will also work with any GMSK Modem that uses DUTCH*Star firmware. That is, I'm quite sure your image will also work with DUTCH*Star GMSK Modems and even older G7LTT NQSMHS modems. The only thing is to request DUTCH*Star to send you firmware version 1.31-2, since that is required by G4KLX programs.

Jim – K6JM – www.moencomm.com

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Adrian
Sent: Monday, September 02, 2013 2:04 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Alternate Image
Thanks Craig, The image will be placed on dropbox

https://www.dropbox.com/sh/dunc99cqzuo7qar/JsjTnpayf_/Latest...831...725

'tuxMOENwebphp.img.zip' will replace

tuxMOENIRCauto.img.zip <https://www.dropbox.com/sh/dunc99cqzuo7qar/fEu3usf4--/Latest...831...725/tuxMOENIRCauto.img.zip>

which does not have the dashpage/webserver built in, however works 100% stable with the Moencomm board.
The Image has the latest 831/725 setup.

Also has;

Urcall Commands : STOP REBOOT GRAPHIC

One click > headless (text mode) or Graphic mode setup. Clean logging display, screenshot;

http://vk4tux.no-ip.org/pidesktop.jpg

I run a yum repository for these;

Rpi.repo Install: Do # sudo rpm -Uvh http://vk4tux.no-ip.org/Rpi-Pidora-1.rpfr.armv6hl.rpm
Name Last Modified Size Type
Parent Directory <http://vk4tux.no-ip.org/repo/Fedora/18/> / - Directory
repodata <http://vk4tux.no-ip.org/repo/Fedora/18/armv6hl/repodata/> / 2013-Sep-01 03:11:27 - Directory

AnalogueRepeater-20130702-1.rpfr.armv6hl.rpm <http://vk4tux.no-ip.org/repo/Fedora/18/armv6hl/AnalogueRepeater-20130702-1.rpfr.armv6hl.rpm> 2013-Jul-03 08:34:58 116.8K application/x-rpm
AnalogueRepeater-20130704-1.rpfr.armv6hl.rpm <http://vk4tux.no-ip.org/repo/Fedora/18/armv6hl/AnalogueRepeater-20130704-1.rpfr.armv6hl.rpm> 2013-Jul-04 20:26:06 117.8K application/x-rpm
DV-20130219-1.rpfr.armv6hl.rpm
<http://vk4tux.no-ip.org/repo/Fedora/18/armv6hl/DV-20130219-1.rpfr.armv6hl.rpm>
2013-Jun-06 22:03:50 261.3K application/x-rpm
DVAPTool-rpi-1.04-1.rpfr.armv6hl.rpm
<http://vk4tux.no-ip.org/repo/Fedora/18/armv6hl/DVAPTool-rpi-1.04-1.rpfr.armv6hl.rpm>
2013-Jun-07 04:34:33 773.1K application/x-rpm
Repeater-20130523-1.rpfr.armv6hl.rpm
<http://vk4tux.no-ip.org/repo/Fedora/18/armv6hl/Repeater-20130523-1.rpfr.armv6hl.rpm>
2013-May-30 00:06:29 840.0K application/x-rpm
Repeater-20130615-1.rpfr.armv6hl.rpm
<http://vk4tux.no-ip.org/repo/Fedora/18/armv6hl/Repeater-20130615-1.rpfr.armv6hl.rpm>
2013-Jun-21 22:21:34 855.8K application/x-rpm
Repeater-20130622-1.rpfr.armv6hl.rpm
<http://vk4tux.no-ip.org/repo/Fedora/18/armv6hl/Repeater-20130622-1.rpfr.armv6hl.rpm>
2013-Jun-22 23:02:10 855.6K application/x-rpm
Repeater-20130702-1.rpfr.armv6hl.rpm
<http://vk4tux.no-ip.org/repo/Fedora/18/armv6hl/Repeater-20130702-1.rpfr.armv6hl.rpm>
2013-Jul-03 10:08:13 656.4K application/x-rpm
Repeater-20130726-1.rpfr.armv6hl.rpm
<http://vk4tux.no-ip.org/repo/Fedora/18/armv6hl/Repeater-20130726-1.rpfr.armv6hl.rpm>
2013-Jul-26 20:40:27 660.1K application/x-rpm
Repeater-20130831-1.rpfr.armv6hl.rpm
<http://vk4tux.no-ip.org/repo/Fedora/18/armv6hl/Repeater-20130831-1.rpfr.armv6hl.rpm>
2013-Sep-01 00:50:39 664.4K application/x-rpm
RepeaterExtras-20130702-1.rpfr.armv6hl.rpm <http://vk4tux.no-ip.org/repo/Fedora/18/armv6hl/RepeaterExtras-20130702-1.rpfr.armv6hl.rpm> 2013-Jul-03 08:39:22 134.9K application/x-rpm
Rpi-Pidora-1. rpfr.armv6hl.rpm
<http://vk4tux.no-ip.org/repo/Fedora/18/armv6hl/Rpi-Pidora-1.rpfr.armv6hl.rpm> 2013-Jun-12 21:04:01 2.3K application/x-rpm
XReflector-20130302-1.rpfr. armv6hl.rpm
<http://vk4tux.no-ip.%0Aorg/repo/Fedora/18/armv6hl/XReflector-20130302-1.rpfr.armv6hl.rpm>
2013-Jun-18 23:39:21 307.5K application/x-rpm
chirp-0.3-1.armv6hl.rpm
<http://vk4tux.no-ip.org/repo/%0AFedora/18/armv6hl/chirp-0.3-1.armv6hl.rpm> 2013-Jun-09 16:02:25 536.9K application/x-rpm
chirp-0.4-0bpid1.armv6hl.rpm
<http://vk4tux.no-ip.org/repo/Fedora/18/armv6hl/chirp-0.4-0bpid1.armv6hl.%0Arpm>
2013-Jun-11 17:37:43 576.8K application/x-rpm
codec2-0.2.0-2.rpfr.armv6hl.rpm
<http://vk4tux.no-ip.org/repo/Fedora/18/armv6hl/codec2-0.2.0-2.rpfr.armv6hl.rpm>
2013-Jul-05 14:44:46 239.8K application/x-rpm
codec2-devel-0.2.0-2.rpfr.armv6hl.rpm
<http://vk4tux.no-ip.org/repo/Fedora/18/armv6hl/codec2-devel-0.2.0-2.rpfr.armv6hl.rpm>
2013-Jul-05 14:44:48 2.2M application/x-rpm

d-rats- daily_02232012-1.armv6hl.rpm
<http://vk4tux.no-ip.org/repo/Fedora/18/armv6hl/d-rats-daily_02232012-1.armv6hl.rpm>
2013-Jun-07 02:10:24 689.8K application/x-rpm
freedv-0.91-2.rpfr.armv6hl. rpm
<http://vk4tux.no-ip.org/repo/Fedora/18/armv6hl/freedv-0.91-2.rpfr.armv6hl.rpm>
2013-Jul-06 23:59:57 157.9K application/x-rpm
ircDDBGateway-20130523-1.rpfr.armv6hl.rpm
<http://vk4tux.no-ip.org/repo/Fedora/18/armv6hl/ircDDBGateway-20130523-1.rpfr.armv6hl.rpm>
2013-May-30 01:20:01 789.4K application/x-rpm
ircDDBGateway-20130611-1.rpfr.armv6hl.rpm
<http://vk4tux.no-ip.org/repo/Fedora/18/armv6hl/ircDDBGateway-20130611-1.rpfr.armv6hl.rpm>
2013-Jun-12 03:39:22 796.2K application/x-rpm
ircDDBGateway-20130622-1.rpfr.armv6hl.rpm
<http://vk4tux.no-ip.org/repo/Fedora/18/armv6hl/ircDDBGateway-20130622-1.rpfr.armv6hl.rpm>
2013-Jun-26 19:15:15 797.3K application/x-rpm
ircDDBGateway-20130725-1.rpfr.armv6hl.rpm
<http://vk4tux.no-ip.org/repo/Fedora/18/armv6hl/ircDDBGateway-20130725-1.rpfr.armv6hl.rpm>
2013-Jul-26 00:14:33 798.1K application/x-rpm
libctb-0.16-2.rpfr.armv6hl.rpm
<http://vk4tux.no-ip.org/repo/Fedora/18/armv6hl/libctb-0.16-2.rpfr.armv6hl.rpm>
2013-Jul-05 13:36:19 42.4K application/x-rpm
libctb-devel-0.16-2.rpfr.armv6hl.rpm
<http://vk4tux.no-ip.org/repo/Fedora/18/armv6hl/libctb-devel-0.16-2.rpfr.armv6hl.rpm>
2013-Jul-05 13:37:11 474.5K application/x-rpm
wxWidgets-2.9.4-1.rpfr.armv6hl.rpm
<http://vk4tux.no-ip.org/repo/Fedora/18/armv6hl/wxWidgets-2.9.4-1.rpfr.armv6hl.rpm>
2013-Jul-06 08:00:05 5.3M application/x-rpm
wxWidgets-devel-2.9.4-1.rpfr.armv6hl.rpm
<http://vk4tux.no-ip.org/repo/Fedora/18/armv6hl/wxWidgets-devel-2.9.4-1.rpfr.armv6hl.rpm>
2013-Jul-06 08:00:11 6.3M application/x-rpm

rpm's are made by myself within hours of new releases.
the yum update, upgrade or downgrade lets you install and keep updated with ease and simplicity.

Adrian ... vk4tux

10435. RE: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-03 16:30:23 UTC
From: Tom Kohli
Topic: 10419 Message: 10435

Jim:

What’s wrong. I can get NAWinCFG to execute, but when I try to execute NAWinTEST, nothing happens. I’m (almost) sure it used to execute.

TOM

Thomas D. Kohli

12 Tall Pine Circle

Augusta, GA 30909

(706) 513-4855

<mailto:tdko@...> tdko@... WA4TE

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of J. M. Moen
Sent: Friday, August 30, 2013 5:06 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings

Dave gave the answer. For those reading the mail, take a look at our FAQ, questions 6 and 7 at

http://www.gmskdvnode.info/

Jim

From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com> [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of David Webb
Sent: Wednesday, August 28, 2013 4:49 AM
To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>
Subject: Re: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings

Tom,

You will need to use NAWinCFG to change the RX and or TX invert in the firmware. After you change ONE of them, you can open NAWinTEST and use RF Read to see if the change in the invert was correct. If that wasn't it, go back and change the other invert and try RF Read again.

Dave-KB1PVH

>Thanks, Jim, i appreciate your help. But, how do I "change the RX and, or the TX inversion"? Is this a setting on the board, or do i need tho re-program the firmware?
>
>Tom, wa4te, 73's

>
>
>On Aug 27, 2013, at 1:12 PM, "J. M. Moen" <jim@... <mailto:jim%40k6jm.com> > wrote:
>
>> Good answer.
>>
>> Each radio model (even from the same manufacturer) and each band may have different Inversion needs. When changing radios or bands, it’s best to go back to the original process of using NAWinTEST -- first RF Read to get the RX Invert set right, then Echo Test to get TX Invert set right.
>>
>>
>> Jim – K6JM
>>
>> From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com> [mailto:gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>] On Behalf Of David Webb
>> Sent: Saturday, August 24, 2013 1:28 PM
>> To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node%40yahoogroups.com>
>> Subject: Re: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings
>>
>> Tom,
>>
>> Try changing the TX and or RX inversion in the Star board firmware.
>>
>> Dave-KB1PVH
>>
>> ------------------------------
>> On Sat, Aug 24, 2013 4:05 PM EDT wa4te wrote:
>>
>> >Using a Moen STAR BOARD with the "DVAR Hot Spot software. Had it running with my old IC-7000 but having problems getting it to run on my new IC-7100. Convinced it's a radio settings problem. Software with no changes made to S/W settings or Star Board. Only swapped radios. I did set the Baud rate in the IC-7100 to 9600. But cannot remember what other settings need tweaked. Anyone figured them out for the new 7100? Deeply appreciate any help. Thanks TOM WA4TE 73'3
>> >
>>
>> __
>>
>>

10436. RE: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-03 18:32:09 UTC
From: J. M. Moen
Topic: 10419 Message: 10436

OK. If NAWinCFG sees the board, then NAWinTest should also see it. When you start up NAWinTEST, does it display the Device id and the Firmware version?

Next, I'm guessing you clicked on the RF Read button. When that window comes up, you next need to click on the START button. I sometimes forget to do that, and it just sits there doing nothing. After clicking START, key up your D-Star radio and hopefully RF Read will display the RF Header info and scroll the RF Data.

If it doesn't, then exit NAWinTEST, go back to NAWinCFG and change the RX Invert setting, save, and try RF Read again.

Once RF Read is working right, try Echo Test. Be sure to click its START button and go through the same process. If the played-back transmission can't be decoded by your D-Star radio, then exit and flip the TX Invert setting in NAWinCFG and try again. Once it kind of works, you'll probably need to adjust the TX trim pot R36 to find the best setting for your IC-7100.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Tom Kohli
Sent: Tuesday, September 03, 2013 9:30 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings
Jim:
What's wrong. I can get NAWinCFG to execute, but when I try to execute NAWinTEST, nothing happens. I'm (almost) sure it used to execute.
TOM
Thomas D. Kohli
12 Tall Pine Circle
Augusta, GA 30909
(706) 513-4855
tdko@... WA4TE
From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of J. M. Moen
Sent: Friday, August 30, 2013 5:06 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings
Dave gave the answer. For those reading the mail, take a look at our FAQ, questions 6 and 7 at
http://www.gmskdvnode.info/
Jim
From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of David Webb
Sent: Wednesday, August 28, 2013 4:49 AM
To: gmsk_dv_node@yahoogroups.com

Subject: Re: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings

Tom,

You will need to use NAWinCFG to change the RX and or TX invert in the firmware. After you change ONE of them, you can open NAWinTEST and use RF Read to see if the change in the invert was correct. If that wasn't it, go back and change the other invert and try RF Read again.

Dave-KB1PVH

10437. K2DIG is NO MORE Re-Register NOW!

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-03 18:44:11 UTC
From: <linyc@...>
Topic: 10437 Message: 10437

ALL K2DIG users are now un-registered!!!

Everyone must re-register on another reflector.

Info from
From N2GYN

10438. Re: [gmsk_dv_node] Alternate Image

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-03 20:45:30 UTC
From: Adrian
Topic: 10427 Message: 10438

-
Thanks Jim, Craig had the hardware, so was very patient, and dedicated in testing without giving up, and set all this up from a 100% working tested system.

I downloaded image wrote to SDHC = 4GB, and tested integrity = OK

http://vk4tux.no-ip.org/moen.jpg

GMSKREPEATER has its own preferences selectable it its gui menu.

IRCDDBGATEWAY CONFIGs selected from dstarircfg (hollow gold star) desktop launcher,

This opens dstarrepeaterconfig (*) and ircddbgatewayconfig (#) together,

* is closed and wait for # to open (This can take a couple of minutes so be patient).

dstarlog desktop launcher runs a script cleaned logging tail -f output in a terminal display on desktop.

http://vk4tux.no-ip.org/moen2.jpg

Shows some other options to set time, autostart programs, desktop & services (Administration > services)

http://vk4tux.no-ip.org/moen3.jpg

Shows Craig's web dashpage running, this is edited to suit the users info.

Craig, W1MSG will provide a Readme on this part.

Image @

https://www.dropbox.com/sh/dunc99cqzuo7qar/JsjTnpayf_/Latest...831...725

see

tuxMOENwebphp.img.zip

1.1 GB > extracts to 4GB (Sandisk)

Adrian ... vk4tux

10439. Re: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-03 21:52:35 UTC
From: Tom Kohli
Topic: 10419 Message: 10439

No, when I try to execute NAWinTest, absolutely NOTHING HAPPENS. Tried uninstalling all the NATest software and reinstalling it and SAME result. Tried troubleshooting and it finally came back with "Incompatible Software". Using Win 7. I believe I must have previously (for other programs) installed later drivers or dll's that are the problem. I will add, this used to work and execute before. Please, I am a computer professional (even if I still can be sometimes stupid), so I think I have tried all avenues.

Best Regards: Tom. WA4TE

Tom

On Sep 3, 2013, at 2:32 PM, "J. M. Moen" <jim@k6jm.com> wrote:

> OK. If NAWinCFG sees the board, then NAWinTest should also see it. When you start up NAWinTEST, does it display the Device id and the Firmware version?
>
> Next, I'm guessing you clicked on the RF Read button. When that window comes up, you next need to click on the START button. I sometimes forget to do that, and it just sits there doing nothing. After clicking START, key up your D-Star radio and hopefully RF Read will display the RF Header info and scroll the RF Data.
>
> If it doesn't, then exit NAWinTEST, go back to NAWinCFG and change the RX Invert setting, save, and try RF Read again.
>
> Once RF Read is working right, try Echo Test. Be sure to click its START button and go through the same process. If the played-back transmission can't be decoded by your D-Star radio, then exit and flip the TX Invert setting in NAWinCFG and try again. Once it kind of works, you'll probably need to adjust the TX trim pot R36 to find the best setting for your IC-7100.
>
>
> Jim – K6JM
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Tom Kohli
> Sent: Tuesday, September 03, 2013 9:30 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: RE: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings
>
> Jim:
>
> What's wrong. I can get NAWinCFG to execute, but when I try to execute NAWinTEST, nothing happens. I'm (almost) sure it used to execute.
>
> TOM
>

> Thomas D. Kohli
> 12 Tall Pine Circle
> Augusta, GA 30909
> (706) 513-4855
>
> tdko@... WA4TE
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of J. M. Moen
> Sent: Friday, August 30, 2013 5:06 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: RE: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings
>
> Dave gave the answer. For those reading the mail, take a look at our FAQ, questions 6 and 7 at
>
> http://www.gmskdvnode.info/
>
> Jim
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of David Webb
> Sent: Wednesday, August 28, 2013 4:49 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: Re: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings
>
> Tom,
>
> You will need to use NAWinCFG to change the RX and or TX invert in the firmware. After you change ONE of them, you can open NAWinTEST and use RF Read to see if the change in the invert was correct. If that wasn't it, go back and change the other invert and try RF Read again.
>
> Dave-KB1PVH
>
>

10440. RE: K2DIG is NO MORE Re-Register NOW!

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-03 21:57:40 UTC
From: <linyc@...>
Topic: 10437 Message: 10440

All User are released at this time!!!

The repeater will be up and down due to testing and further engineering.

Going through transition.

N2GYN

John

73

--- In gmsk_dv_node@yahoogroups.com, <gmsk_dv_node@yahoogroups.com> wrote:

ALL K2DIG users are now un-registered!!!

Everyone must re-register on another reflector.

Info from
From N2GYN

10441. RE: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-03 22:26:23 UTC
From: J. M. Moen
Topic: 10419 Message: 10441

Interesting. When you say “nothing happens” do you mean no window is displayed? Can you tell from Task Manager if it is loaded and “running”?

If you think it might be a driver problem, I’d suggest you uninstall NATools, then download and re-install it again choosing the COMPLETE install option. This should make sure the driver is installed. Be sure to download the 32 bit version of NATools if running 32bit Win7, or the 64 bit version if Win7-64.

Apparently as the program loads, you are not getting an error message about missing RICHTX32.OCX, which sometimes happens these days. If you do see that message, check out our FAQ at
http://www.gmskdvnode.info/#RICHTX32.OCX <http://www.gmskdvnode.info/>

You may want to use the “Run as Administrator” when doing NAWinTEST and see if that makes a difference. Win8 has a more complicated install process (documented in the above FAQ), but Win7 is more normal.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Tom Kohli
Sent: Tuesday, September 03, 2013 2:53 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings

No, when I try to execute NAWinTest, absolutely NOTHING HAPPENS. Tried uninstalling all the NATest software and reinstalling it and SAME result. Tried troubleshooting and it finally came back with "Incompatible Software". Using Win 7. I believe I must have previously (for other programs) installed later drivers or dll's that are the problem. I will add, this used to work and execute before. Please, I am a computer professional (even if I still can be sometimes stupid), so I think I have tried all avenues.

Best Regards: Tom. WA4TE

Tom

On Sep 3, 2013, at 2:32 PM, "J. M. Moen" <jim@...> wrote:

OK. If NAWinCFG sees the board, then NAWinTest should also see it. When you start up NAWinTEST, does it display the Device id and the Firmware version?
Next, I’m guessing you clicked on the RF Read button. When that window comes up, you next need to click on the START button. I sometimes forget to do that, and it just sits there doing nothing. After clicking START, key up your D-Star radio and hopefully RF Read will display the RF Header info and scroll the RF Data.
If it doesn’t, then exit NAWinTEST, go back to NAWinCFG and change the RX Invert setting, save, and try RF Read again.
Once RF Read is working right, try Echo Test. Be sure to click its START button and go

through the same process. If the played-back transmission can’t be decoded by your D-Star radio, then exit and flip the TX Invert setting in NAWinCFG and try again. Once it kind of works, you’ll probably need to adjust the TX trim pot R36 to find the best setting for your IC-7100.
Jim – K6JM
From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Tom Kohli
Sent: Tuesday, September 03, 2013 9:30 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings
Jim:
What’s wrong. I can get NAWinCFG to execute, but when I try to execute NAWinTEST, nothing happens. I’m (almost) sure it used to execute.
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From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of J. M. Moen
Sent: Friday, August 30, 2013 5:06 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings
Dave gave the answer. For those reading the mail, take a look at our FAQ, questions 6 and 7 at
http://www.gmskdvnode.info/
Jim
From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of David Webb
Sent: Wednesday, August 28, 2013 4:49 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings

Tom,

You will need to use NAWinCFG to change the RX and or TX invert in the firmware. After you change ONE of them, you can open NAWinTEST and use RF Read to see if the change in the invert was correct. If that wasn't it, go back and change the other invert and try RF Read again.

Dave-KB1PVH

10442. RE: [gmsk_dv_node] Alternate Image

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-03 23:52:20 UTC
From: Craig Gagner
Topic: 10427 Message: 10442

Here is the readme info I just sent to Adrian in regards to the DashBoard page

Ok I changed the index file so its more generic, see my page http://kc1aci.no-ip.org .

You can get the new index file by opening a terminal window and as root change to this directory as follows

Sudo su

Cd

Cd /var/www/lighttpd

wget masstrailrider.com/dstar/index.zip

unzip index.zip

hit Y to overwrite file

Next in the same directory

nano ircddblocal.php

The only thing that needs to be changed is $callsign='kc1aci' change this to your callsign

Leave everything else as is and you'll be all set for the web page.

```
<?php

// enter exact path to your log files

$logPath='/etc/logs/ham';

// enter your gateway's callsign here between the singe quotes

$callsign='kc1aci';

$registerURL = 'http://status.ircddb.net';

$starLogPath = $logPath . '/STARnet.log';

$linkLogPath = $logPath . '/Links.log';

$hdrLogPath = $logPath . '/Headers.log';

$gatewayConfigPath = '/home/opendv/ircddbgateway/ircddbgateway';

//

// Setting only needed if DD-Mode is in use:
```

```
// Location of dhcpd.leases file, use the line that your system requires:

// 20130405 commented out next line

// $dhcpd_leases_file = "/var/dhcpd/dhcpd.leases";

// $dhcpd_leases_file = "/var/lib/dhcp3/dhcpd.leases";

// 20130405 commented out next line

// $ddmode_log = $logPath . '/DDMode.log';

?>
```

This is a pretty easy change for my webpage set up. The web server is running on port 80 so make sure that is open.

73, Craig

W1MSG / KC1ACI Repeater

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Adrian
Sent: Tuesday, September 3, 2013 4:46 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Alternate Image

-

Thanks Jim, Craig had the hardware, so was very patient, and dedicated in testing without giving up, and set all this up from a 100% working tested system.

I downloaded image wrote to SDHC = 4GB, and tested integrity = OK

http://vk4tux.no-ip.org/moen.jpg

GMSKREPEATER has its own preferences selectable it its gui menu.

IRCDDBGATEWAY CONFIGs selected from dstarircfg (hollow gold star) desktop launcher,

This opens dstarrepeaterconfig (*) and ircddbgatewayconfig (#) together,

* is closed and wait for # to open (This can take a couple of minutes so be patient).

dstarlog desktop launcher runs a script cleaned logging tail -f output in a terminal display on desktop.

http://vk4tux.no-ip.org/moen2.jpg

Shows some other options to set time, autostart programs, desktop & services (Administration > services)

http://vk4tux.no-ip.org/moen3.jpg

Shows Craig's web dashpage running, this is edited to suit the users info.

Craig, W1MSG will provide a Readme on this part.

Image @

https://www.dropbox.com/sh/dunc99cqzuo7qar/JsjTnpayf_/Latest...831...725

see
<https://www.dropbox.com/sh/dunc99cqzuo7qar/861ww6KWdy/Latest...831...725/tuxMOENwebphp.img.zip> tuxMOENwebphp.img.zip <https://www.dropbox.com/sh/dunc99cqzuo7qar/861ww6KWdy/Latest...831...725/tuxMOENwebphp.img.zip>

1.1 GB > extracts to 4GB (Sandisk)

Adrian ... vk4tux

10443. RE: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-03 23:59:29 UTC
From: Tom Kohli
Topic: 10419 Message: 10443

NO Window is displayed. NO error messages. In Task Manager, nothing comes up under Applications, Processes, Or Services when trying to execute NAWinTest. Using Win 7, 32 bit. Tried Run as Administrator. Will uninstall (again) and reinstall COMPLETE.

Thanks, TOM

Thomas D. Kohli

12 Tall Pine Circle

Augusta, GA 30909

(706) 513-4855

<mailto:tdko@comcast.net> tdko@... WA4TE

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of J. M. Moen
Sent: Tuesday, September 03, 2013 6:26 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings

Interesting. When you say “nothing happens” do you mean no window is displayed? Can you tell from Task Manager if it is loaded and “running”?

If you think it might be a driver problem, I’d suggest you uninstall NATools, then download and re-install it again choosing the COMPLETE install option. This should make sure the driver is installed. Be sure to download the 32 bit version of NATools if running 32bit Win7, or the 64 bit version if Win7-64.

Apparently as the program loads, you are not getting an error message about missing RICHTX32.OCX, which sometimes happens these days. If you do see that message, check out our FAQ at

http://www.gmskdvnode.info/#RICHTX32.OCX <http://www.gmskdvnode.info/>

You may want to use the “Run as Administrator” when doing NAWinTEST and see if that makes a difference. Win8 has a more complicated install process (documented in the above FAQ), but Win7 is more normal.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com> [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Tom Kohli
Sent: Tuesday, September 03, 2013 2:53 PM
To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>
Subject: Re: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings

No, when I try to execute NAWinTest, absolutely NOTHING HAPPENS. Tried uninstalling all the NATest software and reinstalling it and SAME result. Tried troubleshooting and it finally came back with "Incompatible Software". Using Win 7. I believe I must have previously (for other programs) installed later drivers or dll's that are the problem. I will add, this used to work and execute before. Please, I am a computer professional (even if I still can be sometimes stupid), so I think I have tried all avenues.

Best Regards: Tom. WA4TE

Tom

On Sep 3, 2013, at 2:32 PM, "J. M. Moen" <jim@... <mailto:jim@...> > wrote:

OK. If NAWinCFG sees the board, then NAWinTest should also see it. When you start up NAWinTEST, does it display the Device id and the Firmware version?

Next, I'm guessing you clicked on the RF Read button. When that window comes up, you next need to click on the START button. I sometimes forget to do that, and it just sits there doing nothing. After clicking START, key up your D-Star radio and hopefully RF Read will display the RF Header info and scroll the RF Data.

If it doesn't, then exit NAWinTEST, go back to NAWinCFG and change the RX Invert setting, save, and try RF Read again.

Once RF Read is working right, try Echo Test. Be sure to click its START button and go through the same process. If the played-back transmission can't be decoded by your D-Star radio, then exit and flip the TX Invert setting in NAWinCFG and try again. Once it kind of works, you'll probably need to adjust the TX trim pot R36 to find the best setting for your IC-7100.

Jim – K6JM

From: <mailto:gmsk_dv_node@...m> gmsk_dv_node@yahoogroups.com [
<mailto:gmsk_dv_node@yahoogroups.com> mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Tom Kohli
Sent: Tuesday, September 03, 2013 9:30 AM
To: <mailto:gmsk_dv_node@yahoogroups.com> gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings

Jim:

What's wrong. I can get NAWinCFG to execute, but when I try to execute NAWinTEST, nothing happens. I'm (almost) sure it used to execute.

TOM

Thomas D. Kohli
12 Tall Pine Circle
Augusta, GA 30909
(706) 513-4855

<mailto:tdko@...> tdko@... WA4TE

From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>
[mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of J. M. Moen

Sent: Friday, August 30, 2013 5:06 PM
To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>
Subject: RE: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings

Dave gave the answer. For those reading the mail, take a look at our FAQ, questions 6 and 7 at

http://www.gmskdvnode.info/

Jim

From: <mailto:gmsk_dv_node@yahoogroups.com> gmsk_dv_node@yahoogroups.com [<mailto:gmsk_dv_node@yahoogroups.com> mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of David Webb
Sent: Wednesday, August 28, 2013 4:49 AM
To: <mailto:gmsk_dv_node@yahoogroups.com> gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings

Tom,

You will need to use NAWinCFG to change the RX and or TX invert in the firmware. After you change ONE of them, you can open NAWinTEST and use RF Read to see if the change in the invert was correct. If that wasn't it, go back and change the other invert and try RF Read again.

Dave-KB1PVH

10444. RE: [gmsk_dv_node] Alternate Image

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-04 00:40:57 UTC
From: Craig Gagner
Topic: 10427 Message: 10444

If there is already a index.zip file in the directory the new one will be saved as index.zip.1 so that is the file to unzip, use the ls command to check if the index.zip is already there.

I am uploading a new image file with changes to the index so Adrian will have this available soon. I suggest you wait until the v2 image is posted to make it easier. You will still need to edit the ircddblocal.php file and change the callsign.

I have had this Pidora image running for about 4 days without any issues, its rock solid thus far.

I also noticed that the DStar Repeater program has been removed from releases as there are some issues so the GMSKRepeater is the way to go for all the Dutch* boards.

73, Craig

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Craig Gagner
Sent: Tuesday, September 3, 2013 7:52 PM
To: gmsk_dv_node@...m
Subject: RE: [gmsk_dv_node] Alternate Image

Here is the readme info I just sent to Adrian in regards to the DashBoard page

Ok I changed the index file so its more generic, see my page http://kc1aci.no-ip.org .

You can get the new index file by opening a terminal window and as root change to this directory as follows

Sudo su

Cd

Cd /var/www/lighttpd

wget masstrailrider.com/dstar/index.zip

unzip index.zip

hit Y to overwrite file

Next in the same directory

nano ircddblocal.php

The only thing that needs to be changed is $callsign='kc1aci' change this to your callsign

Leave everything else as is and you'll be all set for the web page.

<?php

```
// enter exact path to your log files

$logPath='/etc/logs/ham';

// enter your gateway's callsign here between the singe quotes

$callsign='kc1aci';

$registerURL = 'http://status.ircddb.net';

$starLogPath = $logPath . '/STARnet.log';

$linkLogPath = $logPath . '/Links.log';

$hdrLogPath = $logPath . '/Headers.log';

$gatewayConfigPath = '/home/opendv/ircddbgateway/ircddbgateway';

//

// Setting only needed if DD-Mode is in use:

// Location of dhcpd.leases file, use the line that your system requires:

// 20130405 commented out next line

// $dhcpd_leases_file = "/var/dhcpd/dhcpd.leases";

// $dhcpd_leases_file = "/var/lib/dhcp3/dhcpd.leases";

// 20130405 commented out next line

// $ddmode_log = $logPath . '/DDMode.log';

?>
```

10445. Re: [gmsk_dv_node] Alternate Image

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-04 05:48:22 UTC
From: Adrian
Topic: 10427 Message: 10445

Here is the readme info I just sent to Adrian in regards to the DashBoard page

Ok I changed the index file so its more generic, see my page http://kc1aci.no-ip.org .

You can get the new index file by opening a terminal window and as root change to this directory as follows

sudo su (< you become 'root' here)

cd /var/www/lighttpd

wget masstrailrider.com/dstar/index.zip

unzip index.zip

hit Y to overwrite file

Next in the same directory

nano ircddblocal.php

(when finished)

Ctrl X (then) y (hit enter to save)

The only thing that needs to be changed is $callsign='kc1aci' change this to your callsign

Leave everything else as is and you'll be all set for the web page.

```
<?php

// enter exact path to your log files

$logPath='/etc/logs/ham';

// enter your gateway's callsign here between the singe quotes

$callsign='kc1aci';

$registerURL = 'http://status.ircddb.net';

$starLogPath = $logPath . '/STARnet.log';

$linkLogPath = $logPath . '/Links.log';

$hdrLogPath = $logPath . '/Headers.log';
```

```
$gatewayConfigPath = '/home/opendv/ircddbgateway/ircddbgateway';

//

// Setting only needed if DD-Mode is in use:

// Location of dhcpd.leases file, use the line that your system
requires:

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// $dhcpd_leases_file = "/var/dhcpd/dhcpd.leases";

// $dhcpd_leases_file = "/var/lib/dhcp3/dhcpd.leases";

// 20130405 commented out next line

// $ddmode_log = $logPath . '/DDMode.log';

?>
```

This is a pretty easy change for my webpage set up. The web server is running on port 80 so make sure that is open.

73, Craig

W1MSG / KC1ACI Repeater

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
On Behalf Of Adrian
Sent: Tuesday, September 3, 2013 4:46 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Alternate Image

-

Thanks Jim, Craig had the hardware, so was very patient, and dedicated in testing without giving up, and set all this up from a 100% working tested system.

I downloaded image wrote to SDHC = 4GB, and tested integrity = OK

http://vk4tux.no-ip.org/moen.jpg

GMSKREPEATER has its own preferences selectable it its gui menu.

IRCDDBGATEWAY CONFIGs selected from dstarircfg (hollow gold star) desktop launcher,

This opens dstarrepeaterconfig (*) and ircddbgatewayconfig (#) together,

* is closed and wait for # to open (This can take a couple of minutes so be patient).

dstarlog desktop launcher runs a script cleaned logging tail -f output in a terminal display on desktop.

http://vk4tux.no-ip.org/moen2.jpg

Shows some other options to set time, autostart programs, desktop & services (Administration > services)

http://vk4tux.no-ip.org/moen3.jpg

Shows Craig's web dashpage running, this is edited to suit the users info.

Craig, W1MSG will provide a Readme on this part.

Image @

https://www.dropbox.com/sh/dunc99cqzuo7qar/JsjTnpayf_/Latest...831...725

see
tuxMOENwebphp.img.zip

1.1 GB > extracts to 4GB (Sandisk)

Adrian ... vk4tux

10446. Re: [gmsk_dv_node] Alternate Image

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-04 07:16:35 UTC
From: Adrian
Topic: 10427 Message: 10446

Links;
https://www.dropbox.com/sh/dunc99cqzuo7qar/JsjTnpayf_/Latest...831...725
NB, also the Pidora version has tested fine with the DVRPTR V1 .

Latest...831...725
Name
Size
Modified

tuxDSTARPIRCauto.img.zip
1.11 GB
14 hrs ago

tuxMOENwebphpv2_Readme.txt
2.27 KB
1 min ago

tuxMOENwebphpv2.zip
1.1 GB
45 secs ago

Adrian ... vk4tux

10447. Re: [gmsk_dv_node] Alternate Image

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-04 11:40:40 UTC
From: Adrian
Topic: 10427 Message: 10447

Update:

Links;
https://www.dropbox.com/sh/dunc99cqzuo7qar/wv53yeJYl_/Latest...903...725

Latest...903...725

http://vk4tux.no-ip.org/903.jpg

root unalias cp done for cli script.

rpm contents;

```
extracting debug info
from
/root/rpmbuild/BUILDROOT/Repeater-20130903-1.rpfr.arm/usr/local/bin/dstarrepeaterconfig
extracting debug info
from /root/rpmbuild/BUILDROOT/Repeater-20130903-1.rpfr.arm/usr/local/bin/splitrepeater
extracting debug info
from /root/rpmbuild/BUILDROOT/Repeater-20130903-1.rpfr.arm/usr/local/bin/dstarrepeater
extracting debug info
from /root/rpmbuild/BUILDROOT/Repeater-20130903-1.rpfr.arm/usr/local/bin/splitrepeaterd
extracting debug info
from /root/rpmbuild/BUILDROOT/Repeater-20130903-1.rpfr.arm/usr/local/bin/dvrptrrepeaterd
extracting debug info
from /root/rpmbuild/BUILDROOT/Repeater-20130903-1.rpfr.arm/usr/local/bin/dummyrepeater
extracting debug info
from /root/rpmbuild/BUILDROOT/Repeater-20130903-1.rpfr.arm/usr/local/bin/dvrptrrepeater
extracting debug info
from /root/rpmbuild/BUILDROOT/Repeater-20130903-1.rpfr.arm/usr/local/bin/soundcardrepeater
extracting debug info
from /root/rpmbuild/BUILDROOT/Repeater-20130903-1.rpfr.arm/usr/local/bin/gmskrepeaterd
extracting debug info
from /root/rpmbuild/BUILDROOT/Repeater-20130903-1.rpfr.arm/usr/local/bin/dstarrepeaterd
extracting debug info
from /root/rpmbuild/BUILDROOT/Repeater-20130903-1.rpfr.arm/usr/local/bin/dvapnoded
extracting debug info
from
/root/rpmbuild/BUILDROOT/Repeater-20130903-1.rpfr.arm/usr/local/bin/soundcardrepeaterd
extracting debug info
from /root/rpmbuild/BUILDROOT/Repeater-20130903-1.rpfr.arm/usr/local/bin/gmskrepeater
extracting debug info
from /root/rpmbuild/BUILDROOT/Repeater-20130903-1.rpfr.arm/usr/local/bin/dvapnode
+ /usr/lib/rpm/check-buildroot
+ /usr/lib/rpm/redhat/brp-compress
+ /usr/lib/rpm/redhat/brp-strip-static-archive /usr/bin/strip
```

```
+ /usr/lib/rpm/brp-python-bytecompile /usr/bin/python 1
+ /usr/lib/rpm/redhat/brp-python-hardlink
+ /usr/lib/rpm/redhat/brp-java-repack-jars
Processing files: Repeater-20130903-1.rpfr.armv6hl
Requires(rpmlib): rpmlib(CompressedFileNames) <= 3.0.4-1
rpmlib(FileDigests) <= 4.6.0-1 rpmlib(PayloadFilesHavePrefix) <= 4.0-1
Requires: libc.so.6 libc.so.6(GLIBC_2.4) libgcc_s.so.1
libgcc_s.so.1(GCC_3.5) libm.so.6 libm.so.6(GLIBC_2.4) libportaudio.so.2
libpthread.so.0 libpthread.so.0(GLIBC_2.4) libstdc++.so.6 libstdc
++.so.6(CXXABI_1.3) libstdc++.so.6(CXXABI_ARM_1.3.3) libstdc
++.so.6(GLIBCXX_3.4) libusb-1.0.so.0 libwx_baseu-2.8.so.0
libwx_baseu-2.8.so.0(WXU_2.8) libwx_gtk2u_adv-2.8.so.0
libwx_gtk2u_adv-2.8.so.0(WXU_2.8) libwx_gtk2u_core-2.8.so.0
libwx_gtk2u_core-2.8.so.0(WXU_2.8) rtld(GNU_HASH)
Processing files: Repeater-debuginfo-20130903-1.rpfr.armv6hl
Checking for unpackaged
file(s): /usr/lib/rpm/check-files /root/rpmbuild/BUILDROOT/Repeater-20130903-1.rpfr.arm
Wrote: /root/rpmbuild/RPMS/armv6hl/Repeater-20130903-1.rpfr.armv6hl.rpm
Wrote: /root/rpmbuild/RPMS/armv6hl/Repeater-debuginfo-20130903-1.rpfr.armv6hl.rpm
Executing(%clean): /bin/sh -e /var/tmp/rpm-tmp.vKRgCp
+ umask 022
+ cd /root/rpmbuild/BUILD
+ cd Repeater-20130903
+ /usr/bin/rm -rf /root/rpmbuild/BUILDROOT/Repeater-20130903-1.rpfr.arm
+ exit 0
[root@raspi SPECS]#
```

Adrian ... vk4tux

10448. RE: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-04 11:56:54 UTC
From: Tom Kohli
Topic: 10419 Message: 10448

Uninstalled, did reinstall with COMPLETE and checked the OCX file was there with the executable. I quit. I have a Windows 8 laptop and will try that. TOM

Thomas D. Kohli

12 Tall Pine Circle

Augusta, GA 30909

(706) 513-4855

<mailto:tdko@...> tdko@... WA4TE

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of J. M. Moen
Sent: Tuesday, September 03, 2013 6:26 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings

Interesting. When you say “nothing happens” do you mean no window is displayed? Can you tell from Task Manager if it is loaded and “running”?

If you think it might be a driver problem, I’d suggest you uninstall NATools, then download and re-install it again choosing the COMPLETE install option. This should make sure the driver is installed. Be sure to download the 32 bit version of NATools if running 32bit Win7, or the 64 bit version if Win7-64.

Apparently as the program loads, you are not getting an error message about missing RICHTX32.OCX, which sometimes happens these days. If you do see that message, check out our FAQ at

http://www.gmskdvnode.info/#RICHTX32.OCX <http://www.gmskdvnode.info/>

You may want to use the “Run as Administrator” when doing NAWinTEST and see if that makes a difference. Win8 has a more complicated install process (documented in the above FAQ), but Win7 is more normal.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com> [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Tom Kohli
Sent: Tuesday, September 03, 2013 2:53 PM
To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>
Subject: Re: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings

No, when I try to execute NAWinTest, absolutely NOTHING HAPPENS. Tried uninstalling all the NATest software and reinstalling it and SAME result. Tried troubleshooting and it finally came back with "Incompatible Software". Using Win 7. I believe I must have previously (for

other programs) installed later drivers or dll's that are the problem. I will add, this used to work and execute before. Please, I am a computer professional (even if I still can be sometimes stupid), so I think I have tried all avenues.

Best Regards: Tom. WA4TE

Tom

On Sep 3, 2013, at 2:32 PM, "J. M. Moen" <jim@... <mailto:jim@...> > wrote:

OK. If NAWinCFG sees the board, then NAWinTest should also see it. When you start up NAWinTEST, does it display the Device id and the Firmware version?

Next, I'm guessing you clicked on the RF Read button. When that window comes up, you next need to click on the START button. I sometimes forget to do that, and it just sits there doing nothing. After clicking START, key up your D-Star radio and hopefully RF Read will display the RF Header info and scroll the RF Data.

If it doesn't, then exit NAWinTEST, go back to NAWinCFG and change the RX Invert setting, save, and try RF Read again.

Once RF Read is working right, try Echo Test. Be sure to click its START button and go through the same process. If the played-back transmission can't be decoded by your D-Star radio, then exit and flip the TX Invert setting in NAWinCFG and try again. Once it kind of works, you'll probably need to adjust the TX trim pot R36 to find the best setting for your IC-7100.

Jim – K6JM

From: <mailto:gmsk_dv_node@yahoogroups.com> gmsk_dv_node@yahoogroups.com [<mailto:gmsk_dv_node@yahoogroups.com> mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Tom Kohli
Sent: Tuesday, September 03, 2013 9:30 AM
To: <mailto:gmsk_dv_node@yahoogroups.com> gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings

Jim:

What's wrong. I can get NAWinCFG to execute, but when I try to execute NAWinTEST, nothing happens. I'm (almost) sure it used to execute.

TOM

Thomas D. Kohli
12 Tall Pine Circle
Augusta, GA 30909
(706) 513-4855

<mailto:tdko@comcast.net> tdko@... WA4TE

From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com> [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of J. M. Moen
Sent: Friday, August 30, 2013 5:06 PM
To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>
Subject: RE: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings

Dave gave the answer. For those reading the mail, take a look at our FAQ, questions 6 and 7 at

http://www.gmskdvnode.info/

Jim

From: <mailto:gmsk_dv_node@yahoogroups.com> gmsk_dv_node@yahoogroups.com [<mailto:gmsk_dv_node@yahoogroups.com> mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of David Webb
Sent: Wednesday, August 28, 2013 4:49 AM
To: <mailto:gmsk_dv_node@yahoogroups.com> gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings

Tom,

You will need to use NAWinCFG to change the RX and or TX invert in the firmware. After you change ONE of them, you can open NAWinTEST and use RF Read to see if the change in the invert was correct. If that wasn't it, go back and change the other invert and try RF Read again.

Dave-KB1PVH

10449. ARRL/TAPR DCC, Seattle, Forum Schedule, Banquet Speaker & Sunday Seminar Announced

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-04 16:50:13 UTC
From: Mark Thompson
Topic: 10449 Message: 10449
Attachments: 1 described; binary payloads are missing from this source WARC

2013 ARRL/TAPR DCC (Digital Communication Conference)
http://www.tapr.org/dcc

Friday, 9/20 - Sunday, 9/22

Cedarbrook Lodge, Seattle, WA
http://www.tapr.org/dcc.html/#hotel

Preliminary DCC Technical & Introductory Forums Schedule
On-Line at link below & attached:
http://www.tapr.org/pdf/DCC_2013_Schedule.pdf

ARRL/TAPR DCC Seattle Saturday Evening Banquet Speaker will be:
Tom Van Baak Presenting
“Passion and Precision: Adventures of a Time Nut”
http://www.tapr.org/dcc#banquet

ARRL/TAPR DCC Seattle Sunday Morning Seminar will be
Conducted by Ron Frohne, KL7NA
Presenting "Android Programming Tutorial"
http://www.tapr.org/dcc#seminar

On-line DCC Registration at:
https://www.tapr.org/dccregistration.php

The Early Bird Discount for DCC Pre-Registration has been extended to midnight Friday, September 13.
Walk-ins will be welcome throughout the DCC, but the Early Bird Discount will no longer be applicable

10450. RE: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-05 00:31:53 UTC
From: J. M. Moen
Topic: 10419 Message: 10450

Win8 installations are covered by our FAQ. Note you first install NATools with Drivers option NOT checked, then disable driver signing, then install NATools, this time install only the driver. See:

http://www.gmskdvnode.info/#Windows_8

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Tom Kohli
Sent: Wednesday, September 04, 2013 4:57 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] IC-7100 DVAR Hot Spot settings

Uninstalled, did reinstall with COMPLETE and checked the OCX file was there with the executable. I quit. I have a Windows 8 laptop and will try that. TOM

Thomas D. Kohli
12 Tall Pine Circle
Augusta, GA 30909
(706) 513-4855
<mailto:tdko@comcast.net> tdko@... WA4TE

10451. Re: [gmsk_dv_node] Alternate Image

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-05 10:52:05 UTC
From: Adrian
Topic: 10427 Message: 10451

Another day another rpm;

https://www.dropbox.com/sh/dunc99cqzuo7qar/MZvv3AwlLT

tuxMOENwebphpv2.img.zip

uploading now with 20130904 GMSK repeater.

Adrian ... vk4tux

10452. Re: [gmsk_dv_node] Alternate Image

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-05 11:14:02 UTC
From: Jeremy J Barbouttis
Topic: 10427 Message: 10452

Hi Adrian,

As you know, I have Debian version of Linux on my pi.

If I upgrade to this new image, would that be an issue?

Just covering my bases before I give this a go.

Regards,

Jeremy
VK2MJM

On 05/09/2013, at 8:52 PM, Adrian <vk4tux@...> wrote:

> Another day another rpm;
>
>
> https://www.dropbox.com/sh/dunc99cqzuo7qar/MZvv3AwlLT
>
> tuxMOENwebphpv2.img.zip
>
> uploading now with 20130904 GMSK repeater.
>
> Adrian ... vk4tux
>
>
>

10453. Re: [gmsk_dv_node] Alternate Image

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-05 11:32:55 UTC
From: Adrian
Topic: 10427 Message: 10453

Jeremy, this proves to be reliable with the Moencomm board, The advantages are :

yum updates and Rpirepo repository system

Extra software : d-rats, chirp, DVAPTool & freedv to play with.

Urcall Commands : STOP REBOOT GRAPHIC

Extensive firmware support for all internet interfaces.

checkbox autostart selection

Graphic or CLI operation choice

see

http://vk4tux.no-ip.org/info.html

scroll down to the screenshots etc.

hostup.sh host file update built in, with the best available host files.

Desktop realtime log display

Also you have me to ssh/vnc in if needed as always.

Adrian ... vk4tux

Hi Adrian,

As you know, I have Debian version of Linux on my pi.

If I upgrade to this new image, would that be an issue?

Just covering my bases before I give this a go.

Regards,

Jeremy
VK2MJM

On 05/09/2013, at 8:52 PM, Adrian <vk4tux@...> wrote:

>
>
> Another day another rpm;
>
>

> https://www.dropbox.com/sh/dunc99cqzuo7qar/MZvv3AwlLT
>
> tuxMOENwebphpv2.img.zip
>
> uploading now with 20130904 GMSK repeater.
>
> Adrian ... vk4tux
>
>
>
>
>

10454. Reflector 20 back up

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-05 13:35:50 UTC
From: <linyc@...>
Topic: 10454 Message: 10454

Reflector 20 is back on line.

De: N2GYN

10455. Schematic diagram from Satoshi Node Adapter V01.01

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-06 14:49:43 UTC
From: <pa0ejh@...>
Topic: 10455 Message: 10455

Is here anyone who has, our now where i can find the Schematics from Satoshi NA V01.01 ? I have new unused board, but no documentation at all.....

73's Egbert PAØEJH.

10456. rev.c dutch* board USB device not recognized

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-08 07:29:00 UTC
From: <jan_suldovsky@...>
Topic: 10456 Message: 10456

hello and thanks for looking.
i have freshly built rev.c board, pwr light and cos light on.
i've tried 2 computers to install natools & connect the board but always get above message.
these both pcs were used with rtl-sdr (zzadig usb driver installer) and since i had few strange issues with usb ports. is this just a coincidence or am i missing something?
i'm sorry to ask such basic question (i did looked around the topics & elsewhere on net) but do i need to install the firmware on the board first or is it being shipped ready to go?

i am not used to yahoo groups, my first time here & this is quite different from forums that i use otherwise.

thanks all
zl2cze

10457. RE: [gmsk_dv_node] rev.c dutch* board USB device not recognized

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-09 00:24:53 UTC
From: J. M. Moen
Topic: 10456 Message: 10457

Fred is the expert of course, but I notice in the Mini-HotSpot manual, it says “Most, if not all, DUTCH*Star-supplied PIC chips have been pre-programmed with a boot loader.”

So you should be able to install NATools, then use NAWinCFG to load your firmware hex file.

Did you do a “COMPLETE” install of NATools? This is required to be sure the USB driver is installed. If you didn’t, uninstall NATools, then install again using the COMPLETE option.

Also, what version of Windows are you using? XP requires adding “winusb.dll” to windows/system32. Some Win7 systems require downloading and installing RICHTX32.ocx. Win8 requires an unusual procedure. Check out questions 11 and 12 of our FAQ at http://www.gmskdvnode.info/

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of jan_suldovsky@...
Sent: Sunday, September 08, 2013 12:29 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] rev.c dutch* board USB device not recognized
hello and thanks for looking.
i have freshly built rev.c board, pwr light and cos light on.
i've tried 2 computers to install natools & connect the board but always get above message.
these both pcs were used with rtl-sdr (zzadig usb driver installer) and since i had few strange issues with usb ports. is this just a coincidence or am i missing something?
i'm sorry to ask such basic question (i did looked around the topics & elsewhere on net) but do i need to install the firmware on the board first or is it being shipped ready to go?

i am not used to yahoo groups, my first time here & this is quite different from forums that i use otherwise.

thanks all
zl2cze

10458. Short USB cables

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-09 05:42:54 UTC
From: J. M. Moen
Topic: 10458 Message: 10458

Not a big deal, but I have some short Type A to Type B USB cables. These are 11 inches long and useful when the PC (or Raspberry Pi) is close to the GMSK Modem board. I also continue to have 3 foot USB cables.

I’ve added the new short cables to the list on the order page at www.moencomm.com

Jim – K6JM

10459. RE: rev.c dutch* board USB device not recognized

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-11 09:08:24 UTC
From: <jan_suldovsky@...>
Topic: 10456 Message: 10459

I'm not having much luck even with WinXP computer. The system tells me there's new HID device but NAWinGFG won't detect it.
In other 2 Win7 PCs as above, the device is seen (when recognized by windows as USB input device) as PICboot USB ID 04D8-0303 / driver WinUSB 6.1.7600.16385
I did not buy firmware file with the board, but I've sent order few days ago, however.
The PROG jumper is off and the board is neat and clean.

--- In gmsk_dv_node@yahoogroups.com, <jim@...> wrote:

RE: [gmsk_dv_node] rev.c dutch* board USB device not recognized
Fred is the expert of course, but I notice in the Mini-HotSpot manual, it says â□□Most, if not all, DUTCH*Star-supplied PIC chips have been pre-programmed with a boot loader.â□□

So you should be able to install NATools, then use NAWinCFG to load your firmware hex file.

Did you do a â□□COMPLETEâ□□ install of NATools? This is required to be sure the USB driver is installed. If you didnâ□□t, uninstall NATools, then install again using the COMPLETE option.

Also, what version of Windows are you using? XP requires adding â□□winusb.dllâ□□ to windows/system32. Some Win7 systems require downloading and installing RICHTX32.ocx. Win8 requires an unusual procedure. Check out questions 11 and 12 of our FAQ at http://www.gmskdvnode.info/

Jim â□□ K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of jan_suldovsky@...
Sent: Sunday, September 08, 2013 12:29 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] rev.c dutch* board USB device not recognizedÂ

hello and thanks for looking.
i have freshly built rev.c board, pwr light and cos light on.
i've tried 2 computers to install natools & connect the board but always get above message. these both pcs were used with rtl-sdr (zzadig usb driver installer) and since i had few strange issues with usb ports. is this just a coincidence or am i missing something?
i'm sorry to ask such basic question (i did looked around the topics & elsewhere on net) but do i need to install the firmware on the board first or is it being shipped ready to go?

i am not used to yahoo groups, my first time here & this is quite different from forums that i use otherwise.

thanks all
zl2cze

10460. RE: [gmsk_dv_node] RE: rev.c dutch* board USB device not recognized

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-11 12:25:48 UTC
From: Fred PA4YBR
Topic: 10456 Message: 10460

Jan,

If Windows sees a HID device on the bus, then the bootloader at least is active, and the board is alive. What is the USB ID of the HID device?

What is the error message NAWinCFG gives you?

Thanks,

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of jan_suldovsky@...
Sent: Wednesday, September 11, 2013 11:08 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] RE: rev.c dutch* board USB device not recognized

I'm not having much luck even with WinXP computer. The system tells me there's new HID device but NAWinGFG won't detect it.

In other 2 Win7 PCs as above, the device is seen (when recognized by windows as USB input device) as PICboot USB ID 04D8-0303 / driver WinUSB 6.1.7600.16385

I did not buy firmware file with the board, but I've sent order few days ago, however.

The PROG jumper is off and the board is neat and clean.

--- In gmsk_dv_node@yahoogroups.com, <jim@...> wrote:

RE: [gmsk_dv_node] rev.c dutch* board USB device not recognized

Fred is the expert of course, but I notice in the Mini-HotSpot manual, it says â□□Most, if not all, DUTCH*Star-supplied PIC chips have been pre-programmed with a boot loader.â□□

So you should be able to install NATools, then use NAWinCFG to load your firmware hex file.

Did you do a â□□COMPLETEâ□□ install of NATools? This is required to be sure the USB driver is installed. If you didnâ□□t, uninstall NATools, then install again using the COMPLETE option.

Also, what version of Windows are you using? XP requires adding â□□winusb.dllâ□□ to windows/system32. Some Win7 systems require downloading and installing RICHTX32.ocx. Win8 requires an unusual procedure. Check out

questions 11 and 12 of our FAQ at <http://www.gmskdvnode.info/>
http://www.gmskdvnode.info/

Jim â☐☐ K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of jan_suldovsky@...
Sent: Sunday, September 08, 2013 12:29 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] rev.c dutch* board USB device not recognizedÂ

hello and thanks for looking.
i have freshly built rev.c board, pwr light and cos light on.
i've tried 2 computers to install natools & connect the board but always get above message. these both pcs were used with rtl-sdr (zzadig usb driver installer) and since i had few strange issues with usb ports. is this just a coincidence or am i missing something?
i'm sorry to ask such basic question (i did looked around the topics & elsewhere on net) but do i need to install the firmware on the board first or is it being shipped ready to go?

i am not used to yahoo groups, my first time here & this is quite different from forums that i use otherwise.

thanks all
zl2cze

10461. RE: [gmsk_dv_node] RE: rev.c dutch* board USB device not recognized

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-11 15:47:24 UTC
From: J. M. Moen
Topic: 10456 Message: 10461

That’s good news. As Fred wrote, the HID message means the board is in bootloader mode and talking via USB to the PC. It is normal for NAWinCFG to report “Node adapter not detected” when your firmware is in “bootloader” mode. Just ignore that message.

* Firmware license
o When you receive your license number, log onto the DUTCH*Star website
o Click on “Licenses” button
o Click “Add New License” button
o Enter your license number and click “Submit”
o Click on the diskette icon and Save As the .hex file to a place where you can find it again.
* Install Program jumper and plug board into PC
* Start NAWinCFG
o Ignore “Node adapter not detected” message.
o Go to Tools and select Update Firmware
o Click Browse and navigate to the folder where you saved the .hex firmware file. Select it.
o Check the “Update EEProm data” box
o Click the Update button
o After seeing a message the update was successful, exit NAWinCFG
* Remove Program jumper
* Unplug/replug the board from the PC
* Start up NAWinCFG again. This time it will detect the board.
o Now you can set the firmware configuration the way you want

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of jan_suldovsky@...
Sent: Wednesday, September 11, 2013 2:08 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] RE: rev.c dutch* board USB device not recognized
I'm not having much luck even with WinXP computer. The system tells me there's new HID device but NAWinGFG won't detect it.
In other 2 Win7 PCs as above, the device is seen (when recognized by windows as USB input device) as PICboot USB ID 04D8-0303 / driver WinUSB 6.1.7600.16385
I did not buy firmware file with the board, but I've sent order few days ago, however.
The PROG jumper is off and the board is neat and clean.

10462. RE: rev.c dutch* board USB device not recognized

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-12 08:54:13 UTC
From: <jan_suldovsky@...>
Topic: 10456 Message: 10462

Thanks Jim, followed your instructions and got the board working just fine with FT-817. Also want to thank you, Fred, for everything you do for this hobby.

Jan ZL2CZE

--- In gmsk_dv_node@yahoogroups.com, <jim@...> wrote:

RE: [gmsk_dv_node] RE: rev.c dutch* board USB device not recognized
That's good news. As Fred wrote, the HID message means the board is in bootloader mode and talking via USB to the PC. It is normal for NAWinCFG to report "Node adapter not detected" when your firmware is in "bootloader" mode. Just ignore that message.

· Firmware license

o When you receive your license number, log onto the DUTCH*Star website

o Click on "Licenses" button

o Click "Add New License" button

o Enter your license number and click "Submit"

o Click on the diskette icon and Save As the .hex file to a place where you can find it again.

· Install Program jumper and plug board into PC

· Start NAWinCFG

o Ignore "Node adapter not detected" message.

o Go to Tools and select Update Firmware

o Click Browse and navigate to the folder where you saved the .hex firmware file. Select it.

o Check the "Update EEProm data" box

o Click the Update button

o After seeing a message the update was successful, exit NAWinCFG

· Remove Program jumper

· Unplug/replug the board from the PC

· Start up NAWinCFG again. This time it will detect the board.

o Now you can set the firmware configuration the way you want

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of jan_suldovsky@...
Sent: Wednesday, September 11, 2013 2:08 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] RE: rev.c dutch* board USB device not recognized

I'm not having much luck even with WinXP computer. The system tells me there's new HID device but NAWinGFG won't detect it.

In other 2 Win7 PCs as above, the device is seen (when recognized by windows as USB input device) as PICboot USB ID 04D8-0303 / driver WinUSB 6.1.7600.16385

I did not buy firmware file with the board, but I've sent order few days ago, however.

The PROG jumper is off and the board is neat and clean.

10463. Edit RPT1 RPT2 in GMSK Client

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-12 18:41:53 UTC
From: <n3pzt@...>
Topic: 10463 Message: 10463

Has anyone figured out how to delete incorrect entries in either RPT1 or RPT2? I used a text editor to look at some of the files in the Digital Voice folder but no luck. Is the only to do this is to reinstall GMSK Client and put all your correct entries back in RPT1 and RPT2?

Stu WI3J

10464. Re: [gmsk_dv_node] Alternate Image > Moencomm >

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-12 21:26:14 UTC
From: Adrian
Topic: 10427 Message: 10464

Quick note here for anyone with the 904 or 903 ver Repeater.

Downgrade via yum is easily achieved as below.

Repeat the process to downgrade another version down, etc ;

Adrian ... vk4tux

10465. Re: [gmsk_dv_node] Alternate Image > Moencomm >

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-13 21:12:24 UTC
From: Adrian
Topic: 10427 Message: 10465

The 831 gmskrepeater is default in the corrected tuxMOENwebphpv2.img.zip image link now;

Latest
Name
Size
Modified

tuxDSTARPIRCauto.img.zip
1.1 GB
8 hrs ago

tuxMOENwebphpv2_Readme.txt
2.27 KB
7 days ago

tuxMOENwebphpv2.img.zip
1.11 GB
8 hrs ago

Adrian ... vk4tux

10466. RE: Edit RPT1 RPT2 in GMSK Client

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-14 11:06:32 UTC
From: <m1dns.gb3hb@...>
Topic: 10463 Message: 10466

The only way to clear the unwanted text is to do so within the windows registry... thats provided you are on a windowz pc, or are you on linux ?
let me know and i will give you more info how to do this..

A DNS.

--- In gmsk_dv_node@yahoogroups.com, <gmsk_dv_node@yahoogroups.com> wrote:

Has anyone figured out how to delete incorrect entries in either RPT1 or RPT2? I used a text editor to look at some of the files in the Digital Voice folder but no luck. Is the only to do this is to reinstall GMSK Client and put all your correct entries back in RPT1 and RPT2?

Stu WI3J

10467. RE: Combination Raspberry and Dutch*Star GMSK modem doesn't work

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-14 11:56:31 UTC
From: <jan_suldovsky@...>
Topic: 10424 Message: 10467

Hi Henri
I have the same problem.
How can I find the version of my modem's firmware?

Thanks!
Jan, zl2cze

--- In gmsk_dv_node@yahoogroups.com, <henri_hendriksen@...> wrote:

Problem found. The firmware of the modem has to be changed to 00.01.31-02.

--- In gmsk_dv_node@yahoogroups.com, <henri_hendriksen@...> wrote:

Hello,

I get no communication between a Raspberry and the Dutch*star GMSK modem. On the Raspberry i'm running GMSK repeater and ircDDB gateway. Both application are running and ircDDB is connected. The window GMSK repeater show only the "listening" status and TX on OFF. No data is received or transmitted.

I've tested the Dutch*Star modem connected to a Windows PC using NAtools. No problems on that. Receiving and transmitting is working fine.

The connection between RPi and GSMK is tested with and without a powered USB hub.

Conclusion is that the parts separately work, but the combination not.

Who can help?

73, Henri PA2HH.

10468. RE: [gmsk_dv_node] RE: Combination Raspberry and Dutch*Star GMSK modem doesnt work

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-14 15:57:59 UTC
From: J. M. Moen
Topic: 10468 Message: 10468

Run NAWinCFG and it displays the firmware version in the first window. If you are using the Linux version of NATools, then run nacfg.

On Linux right now, people are using the G4KLX programs or FreeStar – both require a later version of the DUTCH*Star firmware than the production version. When that is loaded, you'll see "DUTCH*StarNODE V0.1.31-02I RPTR (BETA)".

The Beta version has been in use and stable for quite a while.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of jan_suldovsky@...
Sent: Saturday, September 14, 2013 4:57 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] RE: Combination Raspberry and Dutch*Star GMSK modem doesn't work
Hi Henri
I have the same problem.
How can I find the version of my modem's firmware?
Thanks!
Jan, zl2cze

10469. RE: RE: [gmsk_dv_node] RE: Combination Raspberry and Dutch*Star GMSK modem doesnt work

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-14 23:44:35 UTC
From: <dangles1@...>
Topic: 10468 Message: 10469

Where can I get the Beta version?

--- In gmsk_dv_node@yahoogroups.com, <gmsk_dv_node@yahoogroups.com> wrote:

RE: [gmsk_dv_node] RE: Combination Raspberry and Dutch*Star GMSK modem doesnt work
Run NAWinCFG and it displays the firmware version in the first window. If you are using the Linux version of NATools, then run nacfg.

On Linux right now, people are using the G4KLX programs or FreeStar – both require a later version of the DUTCH*Star firmware than the production version. When that is loaded, you'll see "DUTCH*StarNODE V0.1.31-02I RPTR (BETA)".

The Beta version has been in use and stable for quite a while.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of jan_suldovsky@...
Sent: Saturday, September 14, 2013 4:57 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] RE: Combination Raspberry and Dutch*Star GMSK modem doesn't work

Hi Henri

I have the same problem.

How can I find the version of my modem's firmware?

Thanks!

Jan, zl2cze

10470. RE: RE: [gmsk_dv_node] RE: Combination Raspberry and Dutch*Star GMSK modem doesnt work

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-15 00:01:54 UTC
From: J. M. Moen
Topic: 10468 Message: 10470

Email DUTCH*Star at fred@... and ask Fred to send you a Beta version of your firmware.

Send him your callsign that's registered on the DUTCH*Star web site and the firmware License#.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of dangles1@...
Sent: Saturday, September 14, 2013 4:45 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: RE: [gmsk_dv_node] RE: Combination Raspberry and Dutch*Star GMSK modem doesnt work
Where can I get the Beta version?
--- In gmsk_dv_node@yahoogroups.com, <gmsk_dv_node@yahoogroups.com> wrote:
Run NAWinCFG and it displays the firmware version in the first window. If you are using the Linux version of NATools, then run nacfg.
On Linux right now, people are using the G4KLX programs or FreeStar – both require a later version of the DUTCH*Star firmware than the production version. When that is loaded, you'll see "DUTCH*StarNODE V0.1.31-02I RPTR (BETA)".
The Beta version has been in use and stable for quite a while.
Jim – K6JM

10471. Using IC-7100 with Moen Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-19 08:53:27 UTC
From: Jeremy J Barbouttis
Topic: 10471 Message: 10471

I have replaced my IC-7000 with a IC-7100. I was using my IC-7000 with my hotspot when running.

I have connected Moen Star Board to the ACC outlet and selected FM Data on the IC-7100 and the 9600 board rate is on.

I noticed that I get a signal but no audio.

I ran the test utility for the node adapter and found the signal pretty much strongest where the board was already set at.

But still no audio. Cannot understand why.

Does anyone have any ideas - i.e. will this run with the IC-7100 as a hotspot?

Cannot imagine why not, but this has got me stumped.

I also noticed the DV setting on the ID-51A flickers back and forth between FM and DV when receiving the signal.

I am pretty sure I haven't seen this before.

Any ideas?

Thanks

Jeremy
VK2MJM

10472. Re: [gmsk_dv_node] Using IC-7100 with Moen Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-19 09:07:59 UTC
From: Jeremy J Barbouttis
Topic: 10471 Message: 10472

Hi All,

You can ignore my posting.

I went back though previous postings a found the same question, from which I was able to get the answer I was looking for.

Happy to say all is well and working perfectly.

Thanks

Jeremy
VK2MJM

On 19/09/2013, at 6:53 PM, Jeremy J Barbouttis <vk2mjm@...> wrote:

> I have replaced my IC-7000 with a IC-7100. I was using my IC-7000 with my hotspot when running.
>
> I have connected Moen Star Board to the ACC outlet and selected FM Data on the IC-7100 and the 9600 board rate is on.
>
> I noticed that I get a signal but no audio.
>
> I ran the test utility for the node adapter and found the signal pretty much strongest where the board was already set at.
>
> But still no audio. Cannot understand why.
>
> Does anyone have any ideas - i.e. will this run with the IC-7100 as a hotspot?
>
> Cannot imagine why not, but this has got me stumped.
>
> I also noticed the DV setting on the ID-51A flickers back and forth between FM and DV when receiving the signal.
>
> I am pretty sure I haven't seen this before.
>
> Any ideas?
>
> Thanks
>
> Jeremy
> VK2MJM
>
>

10473. FT 7900 and GMSK modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-21 19:10:16 UTC
From: R. Niles Vaught
Topic: 10473 Message: 10473

I am running a hotspot using a Moen board, Rasp Pi, and an FT 7900. DV works ok at 1200 bps, although the data stream is garbled; when I switch it to 9600 bps on the radio menu my d-star radio says FM Detected and has no DV sound. The software on the Pi is GMSK repeater and ircddb gateway. The firmware on the board is the beta version from DutchStar.

Thanks for any suggestions

Niles,
K4RNV

10474. Re: [gmsk_dv_node] FT 7900 and GMSK modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-21 19:46:25 UTC
From: David Webb
Topic: 10473 Message: 10474

Niles,

Try changing the TX invert setting.

Dave-KB1PVH

On Sat, Sep 21, 2013 3:10 PM EDT R. Niles Vaught wrote:

>I am running a hotspot using a Moen board, Rasp Pi, and an FT 7900. DV works ok at 1200 bps, although the data stream is garbled; when I switch it to 9600 bps on the radio menu my d-star radio says FM Detected and has no DV sound. The software on the Pi is GMSK repeater and ircddb gateway. The firmware on the board is the beta version from DutchStar.
>
>
>Thanks for any suggestions
>
>Niles,
>K4RNV

10475. Re: FT 7900 and GMSK modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-21 20:40:59 UTC
From: nvaught@bellsouth.net
Topic: 10473 Message: 10475

OK, Dave; I now have both RX and TX invert checked and it is working FB and the Data stream is working. Thanks for the answer!

73,
Niles K4RNV

--- In gmsk_dv_node@yahoogroups.com, David Webb <kb1pvh@...> wrote:
>
>
> Niles,
>
> Try changing the TX invert setting.
>
> Dave-KB1PVH
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> ------------------------------
> On Sat, Sep 21, 2013 3:10 PM EDT R. Niles Vaught wrote:
>
> >I am running a hotspot using a Moen board, Rasp Pi, and an FT 7900. DV works ok at 1200 bps, although the data stream is garbled; when I switch it to 9600 bps on the radio menu my d-star radio says FM Detected and has no DV sound. The software on the Pi is GMSK repeater and ircddb gateway. The firmware on the board is the beta version from DutchStar.
> >
> >
> >Thanks for any suggestions
> >
> >Niles,
> >K4RNV
>

10476. IC-7100 No Dstar Coverage

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-25 12:06:30 UTC
From: <barry_young@...>
Topic: 10476 Message: 10476

Hi all and thanks for letting my join your group (admins)

I have a Icom IC-7100 but i dont have any dstar access as the only repeater in my area is PB and it does not have any internet connectivity.

what i done is searched around the internet and came across your group as i dont want to go out and buy a DV dongle or dv access point (that defeats the object) what i would like to do is get a interface so i can make my own access point.

I dont realy know where to start and have had trouble sourcing a interface and this is where you come into it as i dont mind admiting i know very little about dstar or even less about the radio interface.... can you help me with your own experiances.

i cant beleve i purchased a radio that can connect to my computer via a usb and wont run dstar like the dongles do (or is there a way around it?)

ps dont say buy a dv dongle or the dongle that costs £180 - £200 as thats what i am trying to avoid (it was bad enough paying £1250 for a dstar radio that i cant use dstar on) all the best.... Barry G0SCI

10477. Re: [gmsk_dv_node] IC-7100 No Dstar Coverage

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-25 12:17:14 UTC
From: David Webb
Topic: 10476 Message: 10477

Barry,

The other option to consider is setting up a hotspot.
http://www.k6jm.com/hs-setup.htm
http://www.moencomm.com/

Dave-KB1PVH

On Wed, Sep 25, 2013 8:06 AM EDT barry_young@... wrote:

>
>
>Hi all and thanks for letting my join your group (admins) I have a Icom IC-7100 but i dont have any dstar access as the only repeater in my area is PB and it does not have any internet connectivity. what i done is searched around the internet and came across your group as i dont want to go out and buy a DV dongle or dv access point (that defeats the object) what i would like to do is get a interface so i can make my own access point. I dont realy know where to start and have had trouble sourcing a interface and this is where you come into it as i dont mind admiting i know very little about dstar or even less about the radio interface.... can you help me with your own experiances. i cant beleve i purchased a radio that can connect to my computer via a usb and wont run dstar like the dongles do (or is there a way around it?) ps dont say buy a dv dongle or the dongle that costs £180 - £200 as thats what i am trying to avoid (it was bad enough
paying £1250 for a dstar radio that i cant use dstar on) all the best.... Barry G0SCI
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10478. RE: [gmsk_dv_node] IC-7100 No Dstar Coverage

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-25 12:26:53 UTC
From: Craig Gagner
Topic: 10476 Message: 10478

If he sets the 7100 up as a hotspot he wont be able to use it to talk on DStar. I think the only thing he can do is get another radio to set up as a Hotspot or get a DVap which would probably be the best thing.

Craig

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of David Webb
Sent: Wednesday, September 25, 2013 8:17 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] IC-7100 No Dstar Coverage

Barry,

The other option to consider is setting up a hotspot.
http://www.k6jm.com/hs-setup.htm
http://www.moencomm.com/

Dave-KB1PVH

On Wed, Sep 25, 2013 8:06 AM EDT barry_young@yahoo.com <mailto:barry_young@...> wrote:

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>
>Hi all and thanks for letting my join your group (admins) I have a Icom IC-7100 but i dont have any dstar access as the only repeater in my area is PB and it does not have any internet connectivity. what i done is searched around the internet and came across your group as i dont want to go out and buy a DV dongle or dv access point (that defeats the object) what i would like to do is get a interface so i can make my own access point. I dont realy know where to start and have had trouble sourcing a interface and this is where you come into it as i dont mind admiting i know very little about dstar or even less about the radio interface.... can you help me with your own experiances. i cant beleve i purchased a radio that can connect to my computer via a usb and wont run dstar like the dongles do (or is there a way around it?) ps dont say buy a dv dongle or the dongle that costs £180 - £200 as thats what i am trying to avoid (it was bad enough paying £1250 for a dstar radio that i cant use dstar on) all the best.... Barry G0SCI
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10479. RE: [gmsk_dv_node] IC-7100 No Dstar Coverage

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-25 12:33:52 UTC
From: David Webb
Topic: 10476 Message: 10479

Craig,

I was suggesting he setup a hotspot and use the 7100 to talk to it. Sorry if I wasn't clear enough.

Dave-KB1PVH

On Wed, Sep 25, 2013 8:26 AM EDT Craig Gagner wrote:

>If he sets the 7100 up as a hotspot he wont be able to use it to talk on DStar. I think the only thing he can do is get another radio to set up as a Hotspot or get a DVap which would probably be the best thing.
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>Craig
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>Sent: Wednesday, September 25, 2013 8:17 AM
>To: gmsk_dv_node@yahoogroups.com
>Subject: Re: [gmsk_dv_node] IC-7100 No Dstar Coverage
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>paying £1250 for a dstar radio that i cant use dstar on) all the best.... Barry G0SCI
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10480. RE: IC-7100 No Dstar Coverage

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-25 12:48:44 UTC
From: <barry_young@...>
Topic: 10476 Message: 10480

well i do have another couple of radios,one is a icom ic-207 and i have a couple of yaesu ft-8100 radios, i know the ft-8100's have 9600 baud but im not too sure that the ic-207 does but i havnt checket yet.

what i just cant understand is why did Icom not have the DV interface built into the ic-7100 so that people like myself who cant get dstar linked can connect to the internet via the radio (as you know you need the hardware to do the decoding which i have and the pc and internet which i have) so to connect my radio to the internet to use dstar i need a wireless dongle or dv dongle and pay another £200 when my pc is connected to the internet and my radio is connected to the pc.... can you see where im coming from?

---In gmsk_dv_node@yahoogroups.com, <kb1pvh@...> wrote:

Craig,

I was suggesting he setup a hotspot and use the 7100 to talk to it. Sorry if I wasn't clear enough.

Dave-KB1PVH

On Wed, Sep 25, 2013 8:26 AM EDT Craig Gagner wrote:

>If he sets the 7100 up as a hotspot he wont be able to use it to talk on DStar. I think the only thing he can do is get another radio to set up as a Hotspot or get a DVap which would probably be the best thing.
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>
>Craig
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>
>From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of David Webb
>Sent: Wednesday, September 25, 2013 8:17 AM
>To: gmsk_dv_node@yahoogroups.com
>Subject: Re: [gmsk_dv_node] IC-7100 No Dstar Coverage
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>Barry,
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>Dave-KB1PVH
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>paying £1250 for a dstar radio that i cant use dstar on) all the best.... Barry G0SCI
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>

10481. Re: [gmsk_dv_node] RE: IC-7100 No Dstar Coverage

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-25 13:11:55 UTC
From: David Webb
Topic: 10476 Message: 10481

Barry,

I hear what your saying, but if you could connect your DStar radio to your computer and have that connected to the internet, you would be functioning like a DV Dongle. You would be better off money wise with a DV Dongle. Like the saying goes, You gotta pay to play.

Dave-KB1PVH

10482. RE: [gmsk_dv_node] RE: IC-7100 No Dstar Coverage

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-25 13:21:14 UTC
From: Craig Gagner
Topic: 10476 Message: 10482

It kind of defeats the purpose of having the radio if your going to use it like a Dongle. I have the DStar module in my 9100 and don’t even use it. You could have gotten the ID-31 HT and a DVap and saved quite a bit of money.

The problem you will run into is overdriving the RX on a hotspot radio with the 7100. Even at 5 watts. I use the super low power setting on my ID-51 to access my repeater and Hotspot.

Craig – W1MSG

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of barry_young@...
Sent: Wednesday, September 25, 2013 8:49 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] RE: IC-7100 No Dstar Coverage

well i do have another couple of radios,one is a icom ic-207 and i have a couple of yaesu ft-8100 radios, i know the ft-8100's have 9600 baud but im not too sure that the ic-207 does but i havnt checket yet.

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---In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com> , <kb1pvh@... <mailto:kb1pvh@...> > wrote:

Craig,

I was suggesting he setup a hotspot and use the 7100 to talk to it. Sorry if I wasn't clear enough.

Dave-KB1PVH

On Wed, Sep 25, 2013 8:26 AM EDT Craig Gagner wrote:

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>
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>
>Craig

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>
>
>From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>
[mailto:gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>] On Behalf Of
David Webb
>Sent: Wednesday, September 25, 2013 8:17 AM
>To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>
>Subject: Re: [gmsk_dv_node] IC-7100 No Dstar Coverage
>
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>
>
>Barry,
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>The other option to consider is setting up a hotspot.
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>Dave-KB1PVH
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>On Wed, Sep 25, 2013 8:06 AM EDT barry_young@... <mailto:barry_young@...>
<mailto:barry_young@... <mailto:barry_young@...> > wrote:
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>paying £1250 for a dstar radio that i cant use dstar on) all the best.... Barry G0SCI
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10483. RE: IC-7100 No Dstar Coverage

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-25 14:32:57 UTC
From: <barry_young@...>
Topic: 10476 Message: 10483

Hi Craig

I not only wanted the radio for Dstar it also has quite a few other things that made me choose it the large touch screen, the fact it covers from top band to 70cms as well as 6,4 meters and the new 5mhz is a nice touch.
It runs a lot cooler than the ic-7000 which I did consider getting but has a lot of the same nice features.

If you can see it from my point of view I don't have Dstar access and it looks bleak where I live so the chance of Dstar is very poor and the only way to access the world of Dstar is to try it on HF or get a £200 add on which I really don't want to do.

On the other hand I don't mind sorting out a ultra low power device that I could use to link a radio to my pc to get the desired effect

---In gmsk_dv_node@yahoogroups.com, <crgagner@...> wrote:

It kind of defeats the purpose of having the radio if your going to use it like a Dongle. I have the DStar module in my 9100 and don’t even use it. You could have gotten the ID-31 HT and a DVap and saved quite a bit of money.

The problem you will run into is overdriving the RX on a hotspot radio with the 7100. Even at 5 watts. I use the super low power setting on my ID-51 to access my repeater and Hotspot.

Craig – W1MSG

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of barry_young@...
Sent: Wednesday, September 25, 2013 8:49 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] RE: IC-7100 No Dstar Coverage

well i do have another couple of radios,one is a icom ic-207 and i have a couple of yaesu ft-8100 radios, i know the ft-8100's have 9600 baud but im not too sure that the ic-207 does but i havnt checket yet.

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---In gmsk_dv_node@yahoogroups.com, <kb1pvh@...> wrote:
Craig,

I was suggesting he setup a hotspot and use the 7100 to talk to it. Sorry if I wasn't clear enough.

Dave-KB1PVH

On Wed, Sep 25, 2013 8:26 AM EDT Craig Gagner wrote:

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10484. RE: [gmsk_dv_node] RE: IC-7100 No Dstar Coverage

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-25 15:52:40 UTC
From: Craig Gagner
Topic: 10476 Message: 10484

I understand your point, but unfortunately there is no way to do that. I would recommend making one of the FT radios into a Hotspot with one of the modem boards that are available. About ½ the cost of a DVap. Since you already have the radio it wouldn’t be too hard. Keep the antenna’s as far away as possible or put a little HT antenna on the Hotspot. Keep it set for the lowest power possible, Same with the 7100 and you should be in business. You can run the software on a Raspberry Pi or Beagle Bone computer so you don’t tie up your main computer and you will be in business.

I actually use a DVap and a Raspberry Pi when I am mobile. I connect to my Cell Phones hot spot and as long as I have cell coverage I have DStar !

There are a few options, just not the one you would like.

BTW How are you liking the 7100 as far as HF goes ?

73

Craig – W1MSG

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of barry_young@...
Sent: Wednesday, September 25, 2013 10:33 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] RE: IC-7100 No Dstar Coverage

Hi Craig

I not only wanted the radio for Dstar it also has quite a few other things that made me choose it the large touch screen, the fact it covers from top band to 70cms as well as 6,4 meters and the new 5mhz is a nice touch.

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Craig – W1MSG

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I was suggesting he setup a hotspot and use the 7100 to talk to it. Sorry if I wasn't clear enough.

Dave-KB1PVH

On Wed, Sep 25, 2013 8:26 AM EDT Craig Gagner wrote:

>If he sets the 7100 up as a hotspot he wont be able to use it to talk on DStar. I think the only thing he can do is get another radio to set up as a Hotspot or get a DVap which would probably be the best thing.
>
>
>
>Craig
>
>
>
>
>
>
>From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com> [mailto:gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>] On Behalf Of David Webb
>Sent: Wednesday, September 25, 2013 8:17 AM
>To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>

>Subject: Re: [gmsk_dv_node] IC-7100 No Dstar Coverage
>
>
>
>
>
>
>Barry,
>
>The other option to consider is setting up a hotspot.
>http://www.k6jm.com/hs-setup.htm
>http://www.moencomm.com/
>
>Dave-KB1PVH
>
>------------------------------
>On Wed, Sep 25, 2013 8:06 AM EDT barry_young@... <mailto:barry_young@...>
<mailto:barry_young@... <mailto:barry_young@...> > wrote:
>
>>
>>
>>Hi all and thanks for letting my join your group (admins) I have a Icom IC-7100 but i dont have any dstar access as the only repeater in my area is PB and it does not have any internet connectivity. what i done is searched around the internet and came across your group as i dont want to go out and buy a DV dongle or dv access point (that defeats the object) what i would like to do is get a interface so i can make my own access point. I dont realy know where to start and have had trouble sourcing a interface and this is where you come into it as i dont mind admiting i know very little about dstar or even less about the radio interface.... can you help me with your own experiances. i cant beleve i purchased a radio that can connect to my computer via a usb and wont run dstar like the dongles do (or is there a way around it?) ps dont say buy a dv dongle or the dongle that costs £180 - £200 as thats what i am trying to avoid (it was bad enough
>paying £1250 for a dstar radio that i cant use dstar on) all the best.... Barry G0SCI
>>
>
>
>

10485. RE: [gmsk_dv_node] RE: IC-7100 No Dstar Coverage

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-25 16:05:18 UTC
From: J. M. Moen
Topic: 10476 Message: 10485

Barry,

The IC-7000 is a really nice radio, and since it can do D-Star over RF, for D-Star purposes, you have half the battle won.

I got into Hotspots because I also did not have good access to a D-Star repeater. In my case, there was a repeater, but a mountain peak between it and my QTH caused huge multipath and D-Star just didn't work reliably.

I had an unused analog FM radio in the closet, got a GMSK Modem and with a pc, got a Hotspot going. I haven't turned back and have had a lot of fun. I've since learned that even if you have good access to a D-Star repeater, there are advantages to having your own DVAP or Hotspot – you can issue links or connection requests to any other repeater or D-Star reflector without bothering the other users on the D-Star repeater.

David KB1PVH gave you a link to my non-partisan web page about GMSK Modems at http://www.k6jm.com/hs-setup.htm which refers to several sources for modems, all of which are good. The DVAP is also an excellent product. Architecturally, the DVAP and a Hotspot are similar, though if you already have or can get an inexpensive analog FM radio, the Hotspot will probably cost you less, plus you have the fun of setting it up yourself. A lot of us are now using inexpensive and small Raspberry Pi computers for our Hotspots, which also holds down the cost.

There is a lot of creative work going on in this part of our hobby. One area is the Hotspot/Repeater software area – there are several very high function computer applications available for free. Some of them allow you to link not only to the "traditional" D-Plus repeaters and reflectors, but also to the newer XRF and DCS reflectors, or to do callsign routing (using CCS) more easily than ICOM's method.

Bottom line – these third-party extensions to D-Star have added to the fun people can have with D-Star.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of barry_young@...
Sent: Wednesday, September 25, 2013 7:33 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] RE: IC-7100 No Dstar Coverage
Hi Craig
I not only wanted the radio for Dstar it also has quite a few other things that made me choose it the large touch screen, the fact it covers from top band to 70cms as well as 6,4 meters and the new 5mhz is a nice touch.
It runs a lot cooler than the ic-7000 which I did consider getting but has a lot of the same nice features.
If you can see it from my point of view I don't have Dstar access and it looks bleak where I live so the chance of Dstar is very poor and the only way to access the world of Dstar is

to try it on HF or get a £200 add on which I really don't want to do.
On the other hand I don't mind sorting out a ultra low power device that I could use to link a radio to my pc to get the desired effect.

10486. FreeStar on the Raspberry Pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-28 02:11:21 UTC
From: J. M. Moen
Topic: 10486 Message: 10486

My mantra is “Choices are good.”

In the D-Star Hotspot/Repeater software area, I use DV Node for Windows (aka WinDV) and DVAR. On my Raspberry Pi, I’ve been using G4KLX’s gmskrepeater and ircddbgateway programs, as well as his remote control program.

Today I *finally* got around to playing with FreeStar. This is a package of programs originally written by Scott Lawson, KI4LKF. Scott was a pioneer writing D-Star software. He published it as open source and this was the starting point for the G4KLX applications, if I understand correctly.

FreeStar is managed and distributed by Ramesh VA3UV. See http://www.va3uv.com/freestar.htm . Ramesh provides packages that can be installed on Windows and Linux, and he is also publishing images files for the Raspberry Pi and BeagleBone.

I downloaded his image for the Pi, burned it onto an SD card and brought up the Pi. He has provided a nice installation script that gets everything from Linux to the FreeStar apps up to date, then prompts for callsign info and customizes the configuration files. The documentation covers pretty much everything, and when I was done, I rebooted the Pi and had a full Hotspot that works with my GMSK Modem. (FreeStar also supports most of the other devices, such as the DVAP). It worked the first time, without any debugging needed. A nice Dashboard for your HotSpot is automatically provided by the webserver on the Pi.

FreeStar of course supports DPlus linking to REF reflectors, as well as DExtra to XRF reflectors and DCS to DCS reflectors. You can configure an ircDDB Gateway (which I did). You can use a separate repeater callsign, or you can create a personal hotspot and use the Italian test server for ircDDB.

FreeStar supports DTMF linking commands over RF (it uses a scheme that’s different from that used by G4KLX). It doesn’t yet support CCS, though I understand that’s under development.

All in all, it was a good experience. The D-Star community is lucky to have so many high quality choices.

Jim – K6JM

10488. Re: [gmsk_dv_node] DVRPTR V1 possibly for sale with AMBE board and LCD screen & extras

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-28 13:12:06 UTC
From: Mike Wisch
Topic: 10487 Message: 10488

Hi Dean,

I will take your package if it is still available. Sorry to see you go. I will e-mail you with the shipping details and get your PayPal details as soon as I get back from our breakfast meeting.

Thanks!

Mike Wisch
W0LG

On Sat, Sep 28, 2013 at 7:05 AM, skycom291980 <skycom291980@yahoo.com>wrote:

> **
>
>
> Group,
>
> I hate to have to say that I have just fallen off the dstar grid and have
> basically got completely out of the ham radio business. I have so much
> other
> stuff going on and other interest and get more fun from helping out others
> getting there stuff going when I can. So I am thinking about selling my
> last of
> the dstar ability I have. Here is what I have.
>
> 1. DVRPTR board version 1
>
> 2. AMBE board installed
>
> 3. Speakermic
>
> 4. Headset
>
> 5. Custom case for the dvrptr/ambe board
>
> 6. Power supply for the dvrptr board
>
> 7. USB cable from dvrptr to PC
>
> I think a fair price for all of this would be $150 shipped to your door.
> That
> includes the shipping fee USPS priority mail with tracking. A brand new
> just the
> dvrptr board and case only will cost you around $130 and this package

> comes with
> the additional ambe board and LCD, speakermic and you seen all the rest. If
> anyone is interested let me know I am watching this so you can message me
> here
> or if you want message me off list which may be better. I would be only
> excepting payment via paypal. I want to try and keep
> this within the lower 48 states if possible.
>
> Thanks
> Dean
> KF9L
>
>
>

10490. HELP

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-28 13:28:00 UTC
From: paul woodcome
Topic: 10490 Message: 10490

Hello to all,
My name is Paul (KB1WUG) from MA. I have a band new pi and Moencomm star*board. I would like to run the star board with my pi., but I am not sure what to do first.
I am registered with D-star, I have been on D-star from my car.
do I set up the star board with my regular computer, or connect to the pi and set it up all at the same time?
What soft ware should I run on the Pi, there seems to be more than one option?
Do I set them up sepratly, or together?
I would like to be ablie to get this done so that I can do D-star from home and around town.
Thanks to anyone or all that can help. Paul (KB1WUG)

10491. Re: DVRPTR V1 possibly for sale with AMBE board and LCD screen & extras

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-28 13:34:22 UTC
From: skycom291980
Topic: 10487 Message: 10491

Its now sold....That didn't last long...That was like a pack of dogs on 1 steak.

Dean
KF9L

--- In gmsk_dv_node@yahoogroups.com, Mike Wisch <mrwisch@...> wrote:
>
> Hi Dean,
>
> I will take your package if it is still available. Sorry to see you go. I
> will e-mail you with the shipping details and get your PayPal details as
> soon as I get back from our breakfast meeting.
>
> Thanks!
>
> Mike Wisch
> W0LG
>
>
>
>
> On Sat, Sep 28, 2013 at 7:05 AM, skycom291980 <skycom291980@...>wrote:
>
> > **
> > >
> > >
> > Group,
> > >
> > I hate to have to say that I have just fallen off the dstar grid and have
> > basically got completely out of the ham radio business. I have so much
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> > stuff going on and other interest and get more fun from helping out others
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> > the dstar ability I have. Here is what I have.
> > >
> > 1. DVRPTR board version 1
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> > 2. AMBE board installed
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> > >
> > 4. Headset
> > >

> > 5. Custom case for the dvrptr/ambe board
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> > 6. Power supply for the dvrptr board
> >
> > 7. USB cable from dvrptr to PC
> >
> > I think a fair price for all of this would be $150 shipped to your door.
> > That
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> > just the
> > dvrptr board and case only will cost you around $130 and this package
> > comes with
> > the additional ambe board and LCD, speakermic and you seen all the rest. If
> > anyone is interested let me know I am watching this so you can message me
> > here
> > or if you want message me off list which may be better. I would be only
> > excepting payment via paypal. I want to try and keep
> > this within the lower 48 states if possible.
> >
> > Thanks
> > Dean
> > KF9L
> >
> >
> >
>

10492. Re: [gmsk_dv_node] HELP

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-28 13:51:52 UTC
From: David Webb
Topic: 10490 Message: 10492

Paul,

You need to setup the MoenComm board on your computer first to make sure everything is setup correctly with the analog radio for your hotspot.

After it is all adjusted and working properly, then you can use it with the Pi. Follow the instructions for setup on Jim's page http://www.k6jm.com/hs-setup.htm

For the Pi, I use the GMSK+ircDDB+VNC from here

http://westerndstar.co.uk/html/downloads.html

After you burn that to SD card you need to do all the setup in that software. I'm not far from you and would be more than happy to help you out.

Dave-KB1PVH

On Sat, Sep 28, 2013 9:28 AM EDT paul woodcome wrote:

>Hello to all,
>My name is Paul (KB1WUG) from MA. I have a band new pi and Moencomm star*board. I would like to run the star board with my pi., but I am not sure what to do first.
>I am registered with D-star, I have been on D-star from my car.
>do I set up the star board with my regular computer, or connect to the pi and set it up all at the same time?
>What soft ware should I run on the Pi, there seems to be more than one option?
>Do I set them up sepratly, or together?
>I would like to be ablie to get this done so that I can do D-star from home and around town.
> Thanks to anyone or all that can help. Paul (KB1WUG)
>

10493. RE: [gmsk_dv_node] HELP

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-28 14:00:31 UTC
From: paul woodcome
Topic: 10490 Message: 10493

Thanks David,
Were do you live if you don't mind me asking. I may need some extra help. This is all new to me, never done anything like this befor. Thanks again, Paul (KB1WUG) from Leominster, Ma.

To: gmsk_dv_node@yahoogroups.com
From: kb1pvh@...
Date: Sat, 28 Sep 2013 06:51:52 -0700
Subject: Re: [gmsk_dv_node] HELP

Paul,

You need to setup the MoenComm board on your computer first to make sure everything is setup correctly with the analog radio for your hotspot.

After it is all adjusted and working properly, then you can use it with the Pi. Follow the instructions for setup on Jim's page http://www.k6jm.com/hs-setup.htm

For the Pi, I use the GMSK+ircDDB+VNC from here

http://westerndstar.co.uk/html/downloads.html

After you burn that to SD card you need to do all the setup in that software. I'm not far from you and would be more than happy to help you out.

Dave-KB1PVH

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>I would like to be ablie to get this done so that I can do D-star from home and around town.

> Thanks to anyone or all that can help. Paul (KB1WUG)

>

10494. Can't Save Configuration File - WinDV (DV Node for Windows)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-30 11:47:18 UTC
From: <gary@...>
Topic: 10494 Message: 10494

Hello. I've just entered the world of D-STAR hot spots and climbing the learning curve again...

We have:
- Star*Board D-Star GMSK Node Adapter from Matrix Circuits sold by MoenComm LLC
- WinDV
- DVAR Hot Spot
- DVAP
- DV Dongle
- Kenwood Dual Bank 2m/440 TM-V71A
- Icom 91AD (and a herd of other D-STAR radios)

At the moment, the only problem we're having is that the choices for saving/loading the WinDV configuration file are grayed out even if we are disconnected from a repeater or reflector. Is this normal?

Thank you.

Gary Ownsby, AK4ZX
Chattanooga, TN

10495. RE: [gmsk_dv_node] Can't Save Configuration File - WinDV (DV Node for Windows)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-30 12:06:52 UTC
From: Fred PA4YBR
Topic: 10494 Message: 10495

Hi Gary,

Yes, that is normal.... it should always be grayed out, as it's not actually implemented in the current verrsion....

Have fun, and make sure to use the security line when playing with that curve, just in case ya fall....

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of gary@...
Sent: Monday, September 30, 2013 1:47 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Can't Save Configuration File - WinDV (DV Node for Windows)

Hello. I've just entered the world of D-STAR hot spots and climbing the learning curve again...

We have:

* Star*Board D-Star GMSK Node Adapter from Matrix Circuits sold by MoenComm LLC

* WinDV

* DVAR Hot Spot

* DVAP

* DV Dongle

* Kenwood Dual Bank 2m/440 TM-V71A

* Icom 91AD (and a herd of other D-STAR radios)

At the moment, the only problem we're having is that the choices for saving/loading the WinDV configuration file are grayed out even if we are disconnected from a repeater or reflector. Is this normal?

Thank you.

Gary Ownsby, AK4ZX

Chattanooga, TN

10496. RE: RE: [gmsk_dv_node] Can't Save Configuration File - WinDV (DV Node for Windows)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-30 13:41:18 UTC
From: <gary@...>
Topic: 10494 Message: 10496

Thank you Fred.

I'm sure I'll have more questions as I "skin my knees" on the climb.

Gary

---In gmsk_dv_node@yahoogroups.com, <gmsk_dv_node@yahoogroups.com> wrote:

Hi Gary,

Yes, that is normal.... it should always be grayed out, as it's not actually

implemented in the current verrsion....

Have fun, and make sure to use the security line when playing with that

curve, just in case ya fall....

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of gary@...
Sent: Monday, September 30, 2013 1:47 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Can't Save Configuration File - WinDV (DV Node for Windows)

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At the moment, the only problem we're having is that the choices for saving/loading the WinDV configuration file are grayed out even if we are disconnected from a repeater or reflector. Is this normal?

Thank you.

Gary Ownsby, AK4ZX

Chattanooga, TN

10497. RE: [gmsk_dv_node] HELP

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-30 16:03:27 UTC
From: J. M. Moen
Topic: 10490 Message: 10497

Paul,

Dave KB1PVH has given you the best info on how to get started (also contained in the note I sent you when I shipped the board to you), and I've just emailed you some more details about loading the firmware, configuring it and testing it with your analog radio.

Once that's done, you'll want to move onto the Pi. It runs Linux and right now, there are two choices for Hotspot/Repeater programs - G4KLX and FreeStar. On the Pi, there are hams maintaining Pi image files with both those sets of programs installed. I have run both on my Pi and they both are stable and work very well.

If you choose to use the G4KLX programs, I can email you my own installation notes on setting up the image file from Brian GW6WTK at www.westerndstar.co.uk.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of paul woodcome
Sent: Saturday, September 28, 2013 6:28 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] HELP

Hello to all,
My name is Paul (KB1WUG) from MA. I have a band new pi and Moencomm star*board. I would like to run the star board with my pi., but I am not sure what to do first.
I am registered with D-star, I have been on D-star from my car.
do I set up the star board with my regular computer, or connect to the pi and set it up all at the same time?
What soft ware should I run on the Pi, there seems to be more than one option?
Do I set them up sepratly, or together?
I would like to be ablie to get this done so that I can do D-star from home and around town.
Thanks to anyone or all that can help. Paul (KB1WUG)

10498. Pi info

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-09-30 21:32:07 UTC
From: paul woodcome
Topic: 10498 Message: 10498

Jim,
Yes, Please send the Pi info when you have the time. I would also like to say a very greatful Thanks to both you Jim, and David for your time and help.
Paul (KB1WUG)

10499. Frequencies

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-01 12:44:45 UTC
From: Don Woodward
Topic: 10490 Message: 10499

What 2 Meter frequencies are people running/using with their DVAP and Star*Boards? I found some DSTAR Simplex frequencies in the Southeastern Repeater Association (coordinators for this area) but at my elevation (1400' ASL) I picked up some DSTAR Simplex so I don't want to step on them.

I plan on getting a Star*Board soon and I'm going to be using a VHF Maxtrac since that is all I have readily available at the moment.

Thanks and 73's

Don Woodward
Ball Ground, GA (40 miles North of Atlanta)
KD4APP

10500. RE: [gmsk_dv_node] Can't Save Configuration File - WinDV (DV Node for Windows)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-01 19:29:57 UTC
From: J. M. Moen
Topic: 10500 Message: 10500

Gary,

On my pc, WinDV's Tools menu grays out "Options" and "Edit QuickTunes" if I'm linked to a repeater or reflector. Once I disconnect, those become available.

What version of Windows, and in what folder path is WinDV located? WinDV will need write access to that folder.

If in doubt, I would go to Help>"Report a Problem or Idea" and ask your question. This will give Fred configuration and version info that could help identify the solution.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of gary@...
Sent: Monday, September 30, 2013 4:47 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Can't Save Configuration File - WinDV (DV Node for Windows)
Hello. I've just entered the world of D-STAR hot spots and climbing the learning curve again...

We have:
* Star*Board D-Star GMSK Node Adapter from Matrix Circuits sold by MoenComm LLC
* WinDV
* DVAR Hot Spot
* DVAP
* DV Dongle
* Kenwood Dual Bank 2m/440 TM-V71A
* Icom 91AD (and a herd of other D-STAR radios)
At the moment, the only problem we're having is that the choices for saving/loading the WinDV configuration file are grayed out even if we are disconnected from a repeater or reflector. Is this normal?
Thank you.
Gary Ownsby, AK4ZX
Chattanooga, TN

10501. Still Climbing - Missing RICHTX32.OCX File

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-02 02:43:32 UTC
From: <gary@...>
Topic: 10501 Message: 10501
Attachments: 1 described; binary payloads are missing from this source WARC

Well, we're higher up the mountain but there are still rocks with which to contend.

We got as far as Step C4 on these instructions (http://www.k6jm.com/hs-setup.htm)

Clicking on “RF Read” resulted in an error message regarding a missing file: RICHTX32.OCX

No worries! We read about that possibility in a FAQ which directed us to:

Install missing RICHTX32.OCX file (http://www.k6jm.com/hs-setupocx.htm)

However, right-mouse clicking either link shown on the above page, results in a file can't be downloaded error. Upon closer inspection, the files do not appear to be available for download. I've tried this from two different PCs and two different browsers so I don't think the problem is on my side.

I searched many places on the Internet for this file with very mixed results. So who among us has this file? Jim (Moen) do you still have these files?

Suggestion: As this situation happens often enough to be included in a FAQ, could those files not be placed within this group's on-line files for safekeeping and immediate access? I personally need the 32-bit version but I hope someone still has both that can be placed in the group's files.

I hope there's a guardian angel of files in this group that can help with this. We seem to be dead in the water without it. If I'm doing something wrong, please tell me.

Thank you.

Gary Ownsby / AK4ZX

Chattanooga, TN

10502. RE: Still Climbing - Missing RICHTX32.OCX File

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-02 19:58:49 UTC
From: <gary@...>
Topic: 10501 Message: 10502

After a lot of searching, I found a version of the RICHTX32.OCX that corrected the missing file problem initially posted. I placed a copy of the file in a folder by the same name under this group's Files so may be it will help someone else.

The version I placed into the Files is a 32-bit version so the correct command to install it in a Windows environment is: regsvr32 c:/windows/system32/RICHTX32.OCX

Gary, AK4ZX
Chattanooga, TN

---In gmsk_dv_node@yahoogroups.com, <gary@...> wrote:

Well, we're higher up the mountain but there are still rocks with which to contend.

We got as far as Step C4 on these instructions (http://www.k6jm.com/hs-setup.htm)

Clicking on â☐☐RF Readâ☐☐ resulted in an error message regarding a missing file: RICHTX32.OCX

No worries! We read about that possibility in a FAQ which directed us to:

Install missing RICHTX32.OCX file (http://www.k6jm.com/hs-setupocx.htm)

However, right-mouse clicking either link shown on the above page, results in a file can't be downloaded error. Upon closer inspection, the files do not appear to be available for download. I've tried this from two different PCs and two different browsers so I don't think the problem is on my side.

I searched many places on the Internet for this file with very mixed results. So who among us has this file? Jim (Moen) do you still have these files?

Suggestion: As this situation happens often enough to be included in a FAQ, could those files not be placed within this group's on-line files for safekeeping and immediate access? I personally need the 32-bit version but I hope someone still has both that can be placed in the group's files.

I hope there's a guardian angel of files in this group that can help with this. We seem to be dead in the water without it. If I'm doing something wrong, please tell me.

Thank you.

Gary Ownsby / AK4ZX

Chattanooga, TN

10503. TS-2000 with Moencomm Star*Board GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-02 20:37:10 UTC
From: <ae5me@...>
Topic: 10503 Message: 10503

I am thinking of purchasing the Moencomm Star*Board for D-Star work. I plan to interface it with a Kenwood TS-2000. Has anyone done this? Is it fairly straightforward or will there be a lot of customization hardware and software wise? Many thanks in advance for your assistance!

Best Regards,
Jeff Scoville AE5ME

10504. Re: [gmsk_dv_node] TS-2000 with Moencomm Star*Board GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-02 20:56:20 UTC
From: Richard Bateman
Topic: 10503 Message: 10504

Can't speak for the interface with a TS-2000, but I will tell you that my experience with Moencomm was phenominal; had an issue with the board (that was likely my fault) and he immediately shipped me a new one fast post, just ask that I send the other one back slow mail. He also configured the firmware for me before sending it out and sent me a sheaf of notes on how to get it running. I had very little difficulty after I got the replacement.

There are some things to figure out, but as long as the interface exists for the radio I wouldn't expect any difficulties.

Richard Bateman
KD7BBC
HamStudy.org

On Wed, Oct 2, 2013 at 2:37 PM, <ae5me@...> wrote:

> **
>
>
> I am thinking of purchasing the Moencomm Star*Board for D-Star work. I
> plan to interface it with a Kenwood TS-2000. Has anyone done this? Is it
> fairly straightforward or will there be a lot of customization hardware and
> software wise? Many thanks in advance for your assistance!
>
>
>
> Best Regards,
>
> Jeff Scoville AE5ME
>
>
>

10505. Re: [gmsk_dv_node] TS-2000 with Moencomm Star*Board GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-02 22:52:09 UTC
From: John Hansen
Topic: 10503 Message: 10505

I have not done this with the TS-2000, but I have done it with the D700.
It was necessary to raise the output of the MoenComm board by shorting out
a surface mount capacitor to get enough drive. Not very hard to do. I
think a few months ago I uploaded a picture to the files section showing
how this is done.

John W2FS

On Wed, Oct 2, 2013 at 4:56 PM, Richard Bateman <richard@...>wrote:

> **
>
>
> Can't speak for the interface with a TS-2000, but I will tell you that my
> experience with Moencomm was phenominal; had an issue with the board (that
> was likely my fault) and he immediately shipped me a new one fast post,
> just ask that I send the other one back slow mail. He also configured the
> firmware for me before sending it out and sent me a sheaf of notes on how
> to get it running. I had very little difficulty after I got the
> replacement.
>
> There are some things to figure out, but as long as the interface exists
> for the radio I wouldn't expect any difficulties.
>
> Richard Bateman
> KD7BBC
> HamStudy.org
>
>
> On Wed, Oct 2, 2013 at 2:37 PM, <ae5me@...> wrote:
>
>> **
>>
>>
>> I am thinking of purchasing the Moencomm Star*Board for D-Star work. I
>> plan to interface it with a Kenwood TS-2000. Has anyone done this? Is it
>> fairly straightforward or will there be a lot of customization hardware and
>> software wise? Many thanks in advance for your assistance!
>>
>>
>>
>> Best Regards,
>>
>> Jeff Scoville AE5ME
>>
>>

>
>

10506. RE: [gmsk_dv_node] TS-2000 with Moencomm Star*Board GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-02 22:59:41 UTC
From: Craig Gagner
Topic: 10503 Message: 10506

What DStar work are you planning to do ? You will only be able to set it up as a Hotspot on a TS-2000. You will still need a DStar Radio to talk to the TS-2000. I originally set mine up as a hotspot on the TS-2000 and it worked Great as a hot spot, on low power I had about a 2 mile range with my ID-31.

73

Craig

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of ae5me@...
Sent: Wednesday, October 2, 2013 4:37 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] TS-2000 with Moencomm Star*Board GMSK

I am thinking of purchasing the Moencomm Star*Board for D-Star work. I plan to interface it with a Kenwood TS-2000. Has anyone done this? Is it fairly straightforward or will there be a lot of customization hardware and software wise? Many thanks in advance for your assistance!

Best Regards,

Jeff Scoville AE5ME

10507. RE: [gmsk_dv_node] RE: Still Climbing - Missing RICHTX32.OCX File

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-03 03:34:57 UTC
From: J. M. Moen
Topic: 10501 Message: 10507

Gary,

Oops. Sorry you ran into that web bug I introduced recently. This FAQ used to point to the original article on the internet that explained the RICHTX32.OCX solution, but a user recently pointed out that page has been changed to try to get people to purchase (unneeded) software, so I created a new page and made an error in doing so.

It’s been fixed, and the file is easily downloadable now. Sorry about that.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of gary@...
Sent: Wednesday, October 02, 2013 12:59 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] RE: Still Climbing - Missing RICHTX32.OCX File
After a lot of searching, I found a version of the RICHTX32.OCX that corrected the missing file problem initially posted. I placed a copy of the file in a folder by the same name under this group's Files so may be it will help someone else.
The version I placed into the Files is a 32-bit version so the correct command to install it in a Windows environment is: regsvr32 c:/windows/system32/RICHTX32.OCX
Gary, AK4ZX
Chattanooga, TN

10508. RE: [gmsk_dv_node] TS-2000 with Moencomm Star*Board GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-03 03:54:31 UTC
From: J. M. Moen
Topic: 10503 Message: 10508

The “hard” part is buy a connector for the TS-2000’s 13-pin accessory socket and to wire up the cable.

There’s documentation in the Files folder of this Yahoo Group’s website:
http://groups.yahoo.com/neo/groups/gmsk_dv_node/files/Radio%20Files/Kenwood%20TS-2000.txt

That file includes the basics on how to wire up the cable and settings for the radio. Use the diagram at http://www.k6jm.com/hs-setupcbl.htm for the pinouts on the GMSK modem end, and the above file for the pinouts on the TS-2000 end.

I have a TS-2000 and did this a while back, and if you have trouble finding the 13-pin connector, I might be able to dig out where I bought mine.

The documentation assumes you want to transmit using the main receiver (left side). It would be possible to use different pins on the ACC connector and different TS-2000 settings to use the sub-receiver (right side).

Email me directly if you have more questions.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of ae5me@...
Sent: Wednesday, October 02, 2013 1:37 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] TS-2000 with Moencomm Star*Board GMSK
I am thinking of purchasing the Moencomm Star*Board for D-Star work. I plan to interface it with a Kenwood TS-2000. Has anyone done this? Is it fairly straightforward or will there be a lot of customization hardware and software wise? Many thanks in advance for your assistance!
Best Regards,
Jeff Scoville AE5ME

10509. RE: [gmsk_dv_node] TS-2000 file link correction

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-03 04:12:06 UTC
From: J. M. Moen
Topic: 10509 Message: 10509

The Yahoo Group file link in my post isn't working. Go to this group's Files folder, then Radio Files folder. I think that is
http://groups.yahoo.com/neo/groups/gmsk_dv_node/files/Radio%20Files/
and download "Kenwood TS-2000.txt".

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of J. M. Moen
Sent: Wednesday, October 02, 2013 8:55 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] TS-2000 with Moencomm Star*Board GMSK
The "hard" part is buy a connector for the TS-2000's 13-pin accessory socket and to wire up the cable.
There's documentation in the Files folder of this Yahoo Group's website:
http://groups.yahoo.com/neo/groups/gmsk_dv_node/files/Radio%20Files/Kenwood%20TS-2000.txt
That file includes the basics on how to wire up the cable and settings for the radio. Use the diagram at http://www.k6jm.com/hs-setupcbl.htm for the pinouts on the GMSK modem end, and the above file for the pinouts on the TS-2000 end.
I have a TS-2000 and did this a while back, and if you have trouble finding the 13-pin connector, I might be able to dig out where I bought mine.
The documentation assumes you want to transmit using the main receiver (left side). It would be possible to use different pins on the ACC connector and different TS-2000 settings to use the sub-receiver (right side).
Email me directly if you have more questions.
Jim – K6JM
From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of ae5me@...
Sent: Wednesday, October 02, 2013 1:37 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] TS-2000 with Moencomm Star*Board GMSK
I am thinking of purchasing the Moencomm Star*Board for D-Star work. I plan to interface it with a Kenwood TS-2000. Has anyone done this? Is it fairly straightforward or will there be a lot of customization hardware and software wise? Many thanks in advance for your assistance!
Best Regards,
Jeff Scoville AE5ME

10510. RE: Still Climbing - Missing RICHTX32.OCX File

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-03 09:56:10 UTC
From: <gary@...>
Topic: 10501 Message: 10510

Hi Jim,

Those pesky web bugs come along so I'm glad you got things fixed. I appreciate your email of late yesterday and your suggestions for what I hope will be the final tweak on our new D-STAR hotspot.

Once things stabilize and become fully operational, I hope to put a "lessons-learned" note in this Group so others may benefit from my skinned knees (or is that fun I'm having?). In the less than one week, I've been working on this project, you have more than lived up to your reputation as being helpful, courteous, and a comprehensive source of knowledge on this subject.

Thanks again.

Gary Ownsby, AK4ZX
Chattanooga, TN

---In gmsk_dv_node@yahoogroups.com, <jim@...> wrote:

RE: [gmsk_dv_node] RE: Still Climbing - Missing RICHTX32.OCX File
Gary,

Oops. Sorry you ran into that web bug I introduced recently. This FAQ used to point to the original article on the internet that explained the RICHTX32.OCX solution, but a user recently pointed out that page has been changed to try to get people to purchase (unneeded) software, so I created a new page and made an error in doing so.

It’s been fixed, and the file is easily downloadable now. Sorry about that.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of gary@...
Sent: Wednesday, October 02, 2013 12:59 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] RE: Still Climbing - Missing RICHTX32.OCX File

After a lot of searching, I found a version of the RICHTX32.OCX that corrected the missing file problem initially posted. I placed a copy of the file in a folder by the same name under this group's Files so may be it will help someone else.

The version I placed into the Files is a 32-bit version so the correct command to install it in a Windows environment is: regsvr32 c:/windows/system32/RICHTX32.OCX

Gary, AK4ZX

Chattanooga, TN

10511. Successful test using KW TS-2000

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-03 18:56:57 UTC
From: J. M. Moen
Topic: 10511 Message: 10511

Just for fun, I pulled out the cable I had wired up a couple of years ago and briefly used with an early GMSK Modem from G7LTT. Today I hooked it up to a Star*Board GMSK Modem and tested with my TS-2000.

Worked right off, no problems. I did have to crank up the TX trim pot to max, but it worked well. My D-Star radio is an ID-51A, which is pretty picky about the deviation of a D-Star transmission.

I was using NAWinTEST to test receiving and transmitting through the TS-2000 on 2 meters. But this same hardware/cable setup will also allow you to produce D-Star signals on any band the TS-2000 can do. You would use the G4KLX program GMSKClient, and you would need a DV Dongle. But you could then do D-Star on HF. There's a crew of people, mostly with ICOM 9100s and 7100s, who have D-Star QSOs on various HF bands. But this setup can do that also (and if you already have the HF radio, for quite a few dollars less). Of course, those radios are really nice HF radios in their own right, with modern roofing filters, etc. But for just D-Star on HF functionality, a TS-2000 or similar HF radio can also do the trick.

Anyway, I guess this test re-validates the info in the Kenwood TS-2000.txt file in this group's files > Radio Files folder on the Yahoo Group website.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of ae5me@yahoo.com
Sent: Wednesday, October 02, 2013 1:37 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] TS-2000 with Moencomm Star*Board GMSK
I am thinking of purchasing the Moencomm Star*Board for D-Star work. I plan to interface it with a Kenwood TS-2000. Has anyone done this? Is it fairly straightforward or will there be a lot of customization hardware and software wise? Many thanks in advance for your assistance!
Best Regards,
Jeff Scoville AE5ME

10512. Dual Mode D-Star Analog FM Repater

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-03 19:58:50 UTC
From: <chris@...>
Topic: 10512 Message: 10512

I am wondering if there is a way to convert my current repeater to a dual mode D-Star/Analog FM Repeater.

My repeater is a Kenwood TKR-850 and works great with Allstar/Echolink. I would love to be able to do either D-Star or Analog FM.

Any help would be appreciated.

Regards,

Chris Andrist, KC7WSU

10513. Reliable D-Star Repeater Option for Club

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-07 14:01:08 UTC
From: Jeremy J Barbouttis
Topic: 10513 Message: 10513

Some members from our club have been playing around with a hotspot for the last couple of months and really would like to establish a good reliable D-Star repeater. I know you can make one using the star board. We would like to have 25 WATTS, but are concerned about burning out radios if we build one ourselves. Is anyone using the Starboard with a good homebrew repeater setup? If so, may I ask how you did it? What radios can be used to get good power output?

Many thanks

Jeremy
VK2MJM

10514. Re: [gmsk_dv_node] Reliable D-Star Repeater Option for Club

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-07 14:25:16 UTC
From: Rudy Benner
Topic: 10513 Message: 10514

You need a really big heat sink. You don’t even want it to get warm. It cannot be too big.

ve3bdr

From: Jeremy J Barbouttis
Sent: Monday, October 07, 2013 10:01 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Reliable D-Star Repeater Option for Club

Some members from our club have been playing around with a hotspot for the last couple of months and really would like to establish a good reliable D-Star repeater. I know you can make one using the star board. We would like to have 25 WATTS, but are concerned about burning out radios if we build one ourselves. Is anyone using the Starboard with a good homebrew repeater setup? If so, may I ask how you did it? What radios can be used to get good power output?

Many thanks

Jeremy
VK2MJM

10515. RE: [gmsk_dv_node] Reliable D-Star Repeater Option for Club

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-07 15:02:35 UTC
From: Fred PA4YBR
Topic: 10513 Message: 10515

Jeremy,

Any radio that can do GMSK would do, but most of them are not designed with a duty cycle of more than 10% in mind. So, when used as hotspot- or repeater
transmitters, they will get hot... way too hot.

So, you want to use radios that either have been DESIGNED to do high duty-cycle operations (continuous-transmit systems) or ones that can be modified for proper cooling (big heatsinks with forced-air fans.)

Several older repeater systems (motorola and kenwood) are very "usable" here,
too, and they can be had for not too much.

Have fun,

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeremy J Barbouttis
Sent: Monday, October 07, 2013 4:01 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Reliable D-Star Repeater Option for Club

Some members from our club have been playing around with a hotspot for the last couple of months and really would like to establish a good reliable D-Star repeater. I know you can make one using the star board. We would like to have 25 WATTS, but are concerned about burning out radios if we build one ourselves. Is anyone using the Starboard with a good homebrew repeater setup? If so, may I ask how you did it? What radios can be used to get good power output?

Many thanks

Jeremy
VK2MJM

10516. Re: [gmsk_dv_node] Reliable D-Star Repeater Option for Club

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-07 15:58:18 UTC
From: Kent
Topic: 10513 Message: 10516

Get a used Yaesu FT-1500 with a data port for $50 on eBay.

Run it at 25watts and a muffin fan.

Buy a backup.

Kent
kQ4KK

> On Oct 7, 2013, at 10:01, Jeremy J Barbouttis <vk2mjm@...> wrote:
>
> Some members from our club have been playing around with a hotspot for the last couple of months and really would like to establish a good reliable D-Star repeater. I know you can make one using the star board. We would like to have 25 WATTS, but are concerned about burning out radios if we build one ourselves. Is anyone using the Starboard with a good homebrew repeater setup? If so, may I ask how you did it? What radios can be used to get good power output?
>
> Many thanks
>
> Jeremy
> VK2MJM
>
>

10517. RE: Re: [gmsk_dv_node] Reliable D-Star Repeater Option for Club

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-07 16:26:52 UTC
From: <radiohound@...>
Topic: 10513 Message: 10517

The Icom 2200h has a really nice (large) heat sink built in. With it's data port, I assume it can be used as well? Its a pretty cheap rig with 65 watts max.

KD6VYV

---In gmsk_dv_node@yahoogroups.com, <gmsk_dv_node@yahoogroups.com> wrote:

Get a used Yaesu FT-1500 with a data port for $50 on eBay.

Run it at 25watts and a muffin fan.

Buy a backup.

Kent
kQ4KK

On Oct 7, 2013, at 10:01, Jeremy J Barbouttis <vk2mjm@...> wrote:

Some members from our club have been playing around with a hotspot for the last couple of months and really would like to establish a good reliable D-Star repeater. I know you can make one using the star board. We would like to have 25 WATTS, but are concerned about burning out radios if we build one ourselves. Is anyone using the Starboard with a good homebrew repeater setup? If so, may I ask how you did it? What radios can be used to get good power output?

Many thanks

Jeremy
VK2MJM

10518. RE: [gmsk_dv_node] Dual Mode D-Star Analog FM Repater

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-07 16:35:54 UTC
From: J. M. Moen
Topic: 10512 Message: 10518

Leveraging the notes by Jeremy, Rudy and Fred:

If you find a Kenwood TKR-820, check out:
http://k7ve.org/blog/2010/06/converting-the-kenwood-tkr-820-to-use-with-d-star/

Some people have used Motorola GM300 or MaxTrac radios pulled from commercial/police/fire service. They typically add heat syncs, sometimes massive, and extra fans. There is some info in the archives of this group's website, and a lot of info at:
http://www.repeater-builder.com/motorola/maxtrac/maxtrac-index.html.

For the Motorola radios, there's info on making up a cable at
http://www.k6jm.com/hs-setupcbl.htm . That shows the pinouts and how to build a simplex cable, but it's easy to build a 2-radio cable. Just route RX audio, PTT and ground to the TX radio, and RX audio and ground (and COS/Squelch if you want, though not needed) to the RX radio.

The reason for worrying about duty cycle is that most radios expect a very low duty cycle, common for normal QSOs. But a radio on a repeater or Hotspot that's connected to a reflector running a long net could be transmitting nearly continuously for a couple of hours, that is 100% duty cycle.

Regarding Software: Since you plan to run this dual mode supporting both analog FM and D-Star, I'm betting you already know what software you will be using. But for those reading the mail, here are the normal DStar-only choices out there.

If your pc runs Windows:
* If you only want your repeater to connect to DPlus repeaters and reflectors, DVAR Hotspot works well. It can be configured to allow other homebrew Hotspots to connect into your system. Check out "Converting a D-Star Hotspot to a Full Duplex Repeater" at
http://www.k6jm.com/hs-repeatersetup.htm.
* If you want to also connect to XRF and DCS reflectors, and/or set up an ircDDB Gateway, and/or use CCS callsign routing, DV Node for Windows (aka WinDV) will work well. So will programs from G4KLX and FreeStar, except that currently FreeStar does not support CCS.

If your PC runs Linux, for example on a Raspberry Pi:
* G4KLX
* FreeStar

The Pi is still new, so we don't have a lot of information about how reliable it is at remote locations that are difficult to get to. It has run well at my QTH for nearly 2 years, but I admit I bring it down from time to time to update the G4KLX programs.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of chris@...
Sent: Thursday, October 03, 2013 12:59 PM

To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Dual Mode D-Star Analog FM Repater
I am wondering if there is a way to convert my current repeater to a dual mode D-Star/Analog FM Repeater.
My repeater is a Kenwood TKR-850 and works great with Allstar/Echolink. I would love to be able to do either D-Star or Analog FM.

Any help would be appreciated.

Regards,

Chris Andrist, KC7WSU

10519. RE: Re: [gmsk_dv_node] Reliable D-Star Repeater Option for Club

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-07 17:07:11 UTC
From: Ted Wrobel
Topic: 10513 Message: 10519

Even for casual ham use the 2200 runs very hot. Hard to imagine it in a repeater setting. I also think the data port does not support anything but dstar - you should check befofre buying.

73
Ted
W1GRI

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of radiohound@...
Sent: Monday, October 07, 2013 12:27 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: Re: [gmsk_dv_node] Reliable D-Star Repeater Option for Club

The Icom 2200h has a really nice (large) heat sink built in. With it's data port, I assume it can be used as well? Its a pretty cheap rig with 65 watts max.

KD6VYV

---In gmsk_dv_node@yahoogroups.com, <gmsk_dv_node@yahoogroups.com> wrote:

Get a used Yaesu FT-1500 with a data port for $50 on eBay.

Run it at 25watts and a muffin fan.

Buy a backup.

Kent
kQ4KK

On Oct 7, 2013, at 10:01, Jeremy J Barbouttis <vk2mjm@...> wrote:

Some members from our club have been playing around with a hotspot for the last couple of months and really would like to establish a good reliable D-Star repeater. I know you can make one using the star board. We would like to have 25 WATTS, but are concerned about burning out radios if we build one ourselves. Is anyone using the Starboard with a good homebrew repeater setup? If so, may I ask how you did it? What radios can be used to get good power output?

Many thanks

Jeremy
VK2MJM

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1432 / Virus Database: 3222/6229 - Release Date: 10/07/13

10520. RE: Reliable D-Star Repeater Option for Club

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-07 21:14:52 UTC
From: <chris@...>
Topic: 10513 Message: 10520

Jeremy,

When setting up a repeater I would look at a dedicated repeater that is designed for 100% duty cycle. I am very fond of Kenwood repeaters myself. Using a mobile radio, even at low power is a disaster waiting to happen. Most mobiles are designed for 25% duty cycle even on their lowest power. I had my repeater controller lock the PTT for 12+ hours and repeater wasn't even warm. It is designed for high usage.

I am currently building a D-Star repeater from a Kenwood TKR-850.

Regards,

Chris Andrist, KC7WSU

---In gmsk_dv_node@yahoogroups.com, <gmsk_dv_node@yahoogroups.com> wrote:

Some members from our club have been playing around with a hotspot for the last couple of months and really would like to establish a good reliable D-Star repeater. I know you can make one using the star board. We would like to have 25 WATTS, but are concerned about burning out radios if we build one ourselves. Is anyone using the Starboard with a good homebrew repeater setup? If so, may I ask how you did it? What radios can be used to get good power output?

Many thanks

Jeremy
VK2MJM

10521. Re: [gmsk_dv_node] Reliable D-Star Repeater Option for Club

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-07 21:06:33 UTC
From: Roger Kolodziej
Topic: 10513 Message: 10521

Jeremy depending on how much youre club wants to spend you can get a pretty decent second hand base station for about $1500 Australian. Theres even cheaper older ones out there. One thats half decent is the vertex standard base thats very easy configured and set up. Decent duty cycle and theres even room inside the box for the moencomm board.
Let me know if you need help finding a dealer...

Roger VK2VRK
Sent from Yahoo!7 Mail on Android

10522. D-Star at Pacificon Hamfest

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-09 18:30:59 UTC
From: J. M. Moen
Topic: 10522 Message: 10522

If you'll be attending Pacificon at Santa Clara, CA this weekend, you are invited to our Digital Dinner at IHOP (4200 Great America Parkway, Santa Clara, walking distance, across the street from the Mariott). We will be starting at 5pm Friday in the back room there.

On Saturday, the D-Star Panel will be in Salon D at 9:30 am. Robin will talk about some very cool new products his company is introducing. You will see a new way to control and interact with your radio!

New Developments and Operating Procedures for D-STAR:
D-STAR Digital Voice and Data usage continues to grow and become more popular. This forum will briefly introduce D-STAR, discuss exciting new products including those using the tiny Raspberry Pi computer, and show how hams have set up their own D-STAR compatible Hotspots and Repeaters.

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Robin Cutshaw, AA4RC, is the creator of the popular DPLUS linking technology for D-STAR. He is co-creator of the DV Dongle and DVAP. Robin will discuss not only these great tools, but will discuss new products his company is releasing that work with tablets and smartphones, launching exciting new ways for hams to control and interact with their digital voice radios.

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10523. Re: [gmsk_dv_node] D-Star at Pacificon Hamfest

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-09 20:57:55 UTC
From: Roger Kolodziej
Topic: 10522 Message: 10523

That sounds great shame im in Australia otherwise i would be there!

Sent from Yahoo!7 Mail on Android

10524. Motorola Spectra

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-09 21:41:27 UTC
From: <akdude47@...>
Topic: 10524 Message: 10524

I've been hunting around the web a bit the last week trying to find information on how to hook up a gmsk modem to a Motorola Spectra. I have a new in box high power trunk mount UHF unit that I'm not using and it would be a good choice for a hot spot due to the huge heat sink and ability to cut back the P.A. However I've not found clear documentation stating that it's possible to get flat TX and RX audio from it.

Has anyone on the list been successful with a Motorola Spectra?

Thanks
Jesse K4AX

10525. RE: Reliable D-Star Repeater Option for Club

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-10 12:34:28 UTC
From: <rogerk78@...>
Topic: 10513 Message: 10525

Hi Jeremy....just popping my head into this thread after speaking to you on VK2RDS-C... I will keep u posted.

10526. RE: D-Star at Pacificon Hamfest

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-10 14:32:00 UTC
From: <m1dns.gb3hb@...>
Topic: 10522 Message: 10526

Is anyone aware of any web "streaming" from the forums from this years pacificon event ??

Andrew DNS.

---In gmsk_dv_node@yahoogroups.com, <gmsk_dv_node@yahoogroups.com> wrote:

D-Star at Pacificon Hamfest If you'll be attending Pacificon at Santa Clara, CA this weekend, you are invited to our Digital Dinner at IHOP (4200 Great America Parkway, Santa Clara, walking distance, across the street from the Mariott). We will be starting at 5pm Friday in the back room there.
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10527. RE: [gmsk_dv_node] RE: D-Star at Pacificon Hamfest

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-10 21:45:48 UTC
From: J. M. Moen
Topic: 10522 Message: 10527

I’m told there will be videographers, sent by the ARRL, to record some sessions. They will likely be online at some future date. Apparently there will be no streaming.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of m1dns.gb3hb@gmail.com
Sent: Thursday, October 10, 2013 7:32 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] RE: D-Star at Pacificon Hamfest
Is anyone aware of any web "streaming" from the forums from this years pacificon event ??
Andrew DNS.
---In gmsk_dv_node@yahoogroups.com, <gmsk_dv_node@yahoogroups.com> wrote:
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10528. RE: [pcrepeatercontroller] Off-list: No Audio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-10 23:52:21 UTC
From: Don Woodward
Topic: 10528 Message: 10528

Radio is setup properly - works completely fine under Windows with
STAR*BOARD - the problem is the PI and programs there obviously.

> -----Original Message-----
> From: pcrepeatercontroller@yahoogroups.com
> [mailto:pcrepeatercontroller@yahoogroups.com] On Behalf Of Jim Thisdale
> Sent: Thursday, October 10, 2013 19:05
> To: pcrepeatercontroller@yahoogroups.com
> Subject: Re: [pcrepeatercontroller] Off-list: No Audio
>
> Hi Don
>
> I agree with Fred's suggestions....
>
> Proper setup of the radio is very important. Too many other programs
> 'fudge' things and allow users to get away without properly configuring
> their radio(s).
>
> -Jim- N1JMM, KB1YPL_B Colchester Digital Group Visit my Pi
> http://n1jmm.no-ip.org Helpful Information on Ham Radio & Linux.
>
> On 10/10/13 5:46 PM, Fred PA4YBR wrote:
> >
> >
> > Don,
> > See my previous message as well.
> > On transmitting, I believe you need to set your ID51 radio to use
> > duplex (+ or -) and with a zero offset. This effectively is the same
> > as simplex, but with this "trick", the software will actually accept
> it as being valid.
> > --fred
> >
> > ---
> -
> > ------------------------------
> > *From:* pcrepeatercontroller@yahoogroups.com
> > [mailto:pcrepeatercontroller@yahoogroups.com] *On Behalf Of *Don
> > Woodward
> > *Sent:* Thursday, October 10, 2013 8:09 PM
> > *To:* pcrepeatercontroller@yahoogroups.com
> > *Subject:* RE: [pcrepeatercontroller] Off-list: No Audio
> >
> > Yes - thanks. Anything else you can think of?
> >
> > 73's

> >
> > Don Woodward
> > KD4APP
> >
> > > -----Original Message-----
> > > From: pcrepeatercontroller@yahoogroups.com
> > > [mailto:pcrepeatercontroller@yahoogroups.com] On Behalf Of David
> > > Webb
> > > Sent: Thursday, October 10, 2013 13:52
> > > To: pcrepeatercontroller@yahoogroups.com
> > > Subject: RE: [pcrepeatercontroller] Off-list: No Audio
> > >
> > >
> > > Don,
> > >
> > > If you are running the Star Board on the Pi, are you using the Beta
> > > firmware for the board?
> > >
> > > Dave-KB1PVH
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > Yahoo! Groups Links
> > >
> > >
> > >
> > > -----
> > > No virus found in this message.
> > > Checked by AVG - www.avg.com
> > > Version: 2014.0.4142 / Virus Database: 3604/6732 - Release Date:
> > > 10/08/13
> >
> >
> >
> >
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> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

> -----
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4142 / Virus Database: 3604/6732 - Release Date:
> 10/08/13

10529. Re: [gmsk_dv_node] D-Star at Pacificon Hamfest

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-11 14:54:48 UTC
From: John Hansen
Topic: 10522 Message: 10529

Sent from my Galaxy Note 2.
On Oct 9, 2013 4:57 PM, "Roger Kolodziej" <rogerk78@...> wrote:

> **
>
>
> That sounds great shame im in Australia otherwise i would be there!
>
> Sent from Yahoo!7 Mail on Android
>
> ------------------------------
> * From: * J. M. Moen <jim@...>;
> * To: * <gmsk_dv_node@yahoogroups.com>;
> * Subject: * [gmsk_dv_node] D-Star at Pacificon Hamfest
> * Sent: * Wed, Oct 9, 2013 6:30:59 PM
>
>
>
> If you'll be attending Pacificon at Santa Clara, CA this weekend, you are
> invited to our Digital Dinner at IHOP (4200 Great America Parkway, Santa
> Clara, walking distance, across the street from the Mariott). We will be
> starting at 5pm Friday in the back room there.
>
> On Saturday, the D-Star Panel will be in Salon D at 9:30 am. Robin will
> talk about some very cool new products his company is introducing. You will
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>
> ***Presenters*
>
> *Robin Cutshaw, AA4RC*, is the creator of the popular DPLUS linking
> technology for D-STAR. He is co-creator of the DV Dongle and DVAP. Robin
> will discuss not only these great tools, but will discuss new products his
> company is releasing that work with tablets and smartphones, launching
> exciting new ways for hams to control and interact with their digital voice
> radios.
>
> ***Jim Moen, K6JM*, will describe how Hams are setting up their own
> D-STAR compatible Hotspots and Repeaters, as well as review the latest

> third-party software and hardware that have recently been developed. Jim
> says "it is easy to extend D-STAR."
>
> ***Rich Timpa, KC6OBJ*, will discuss the KJ6LVV "homebrew" D-STAR
> compatible Repeater he set up and administers at Lake Oroville. He has some
> exciting news about the G4ULF software that his repeater is using. He has
> learned a lot and will share his findings and advice.
>
>

10530. Re: [gmsk_dv_node] RE: D-Star at Pacificon Hamfest

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-11 23:30:12 UTC
From: Tony Langdon
Topic: 10522 Message: 10530

On 11/10/13 1:32 AM, m1dns.gb3hb@... wrote:
>
>
> Is anyone aware of any web "streaming" from the forums from this years
> pacificon event ??
>

The problem with live streaming from the US is one has to pull an all
nighter to take part! :(

--
73 de Tony VK3JED/VK3IRL
http://vkradio.com

10531. Re: [gmsk_dv_node] D-Star at Pacificon Hamfest

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-12 02:30:00 UTC
From: Jeremy J Barbouttis
Topic: 10522 Message: 10531

How do you access the live streaming?

Thanks

Jeremy
VK2MJM

On 12/10/2013, at 10:30 AM, Tony Langdon <vk3jed@...> wrote:

>
> On 11/10/13 1:32 AM, m1dns.gb3hb@... wrote:
>> Is anyone aware of any web "streaming" from the forums from this years pacificon event ??
>>
>
>
> The problem with live streaming from the US is one has to pull an all nighter to take part! :(
>
> --
> 73 de Tony VK3JED/VK3IRL
> http://vkradio.com
>
>

10532. RE: [gmsk_dv_node] D-Star at Pacificon Hamfest

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-12 04:44:51 UTC
From: J. M. Moen
Topic: 10522 Message: 10532

Sorry, no live streaming. I wish we could at least do the D-Star forum..

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeremy J Barbouttis
Sent: Friday, October 11, 2013 7:30 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] D-Star at Pacificon Hamfest
How do you access the live streaming?
Thanks

Jeremy
VK2MJM

On 12/10/2013, at 10:30 AM, Tony Langdon <vk3jed@...> wrote:

On 11/10/13 1:32 AM, m1dns.gb3hb@... wrote:
Is anyone aware of any web "streaming" from the forums from this years pacificon event ??
The problem with live streaming from the US is one has to pull an all nighter to take part! :(

10533. TKR-850 Conversion

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-12 05:12:43 UTC
From: <chris@...>
Topic: 10533 Message: 10533

I am looking for some help converting my TKR-850 to D-Star. I have a moencomm board. I am curious how I need to program the repeater. I changed the operating mode to duplex instead of repeat. I disabled the ctcss I set it to narrowband Connected to the DB25 on the back to the data tx/rx audio In NACfg I set RX/TX to invert. I am able to decode the dstar when close by, but not from a distance. My friend is 3+ miles away and can hear the signal in FM mode, but his radio will not decode it. Any help would be appreciated. I am using the G4KLX software on a raspberry pi. Regards, Chris Andrist, KC7WSU

10534. Lessons learned - all working now

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-12 13:18:41 UTC
From: Don Woodward
Topic: 10533 Message: 10534

Hopefully this will help someone else...

I recently purchased a STAR*BOARD and a Raspberry PI with the intention of using a VHF Maxtrac with all of that to make a 2M hotspot. All is working great now, but I had two issues.

First my transmit audio from my ID-51 was not going through GMSKRepeater and out to REF030 even though I had set it up under Windows using NAWintest and all the tests there had passed. After much testing I moved the AC power connection from the Astron power supply that is powering my Maxtrac from the power strip where the PI was plugged in to plug directly in the wall - finally audio was passing and I could talk, but there was another problem - see the next issue.

The next issue, happened when I keyed up to talk I was sending the call sign of the previous station - Jim (K6JM) suggested I turn DR mode off on the ID-51 if I was using it - DR mode was it - I switched to a memory frequency (A01) set for my simplex frequency and all worked fine with the Star*Board and the PI - now my call goes through - YAHOO!!!!! DR mode works fine on Fred's WinDV under Windows - not sure of the difference.

So a few lessons learned!

Many thanks to Jim (K6JM), Fred (PA4YBR) and others here for all their help in making this work.

73's

Don Woodward
KD4APP
Ball Ground, GA

10535. Failed to succeed my echotest exam...

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-12 15:04:02 UTC
From: <f6flq@...>
Topic: 10535 Message: 10535

Hello the Group !

Happy to meet you...

I'm testing Dutch star Rev C board with kenwood tm v71 or FT 817 as analog radios and ID 51 or IC 7100 as dv radios -not altogether of course !-

Same issue with any radios configuration :

- I have passed RF Read NaWinTest with success :)

- But No audio back into dv radio while echo testing :

(I've already read excellent K6JM notes, many comments here, and have followed them step by step)

- analog radios are 9600 and nfm setup
- auto/ normal/reverse tx from nawinCFG have no effect
-Trim pot TX onto the board have no effect
- Trim output level throught kenwood software when TM V71 is running have no effect
- analog radios seems to switch well to tx (according to the meters out on the analog radio, and meters in onto the dv radios)

I do receive a kind of silent "carrier" on dv radios, but no modulation at all

On detail from the board : The "red" led PTT is not lightning while analog radios are transmitting back the "player" message : is it normal ?

Any other idea ?

How to check if the board is "modulating" (I've no scope, no analyser) ?

How to use the "scope" soft Dutch star reflector is providing ?

Is it helpfull to "record" the messages back from dv radios to check them ? I don't think so...

Any idea ?

Thank you in advance for your help.

I will be back when I find something else from my side.

My best regards to all.

Eric
F6FLQ

10536. RE: [gmsk_dv_node] Failed to succeed my echotest exam...

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-12 15:32:17 UTC
From: Don Woodward
Topic: 10535 Message: 10536

You mentioned “nfm” – are you saying you it set in Narrowband FM mode – if so set it to normal FM. In narrowband mode the deviation is only 2.5kHz and normal FM is 5 kHz so that 2.5kHz may not be enough audio through.

Don Woodward

KD4APP

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of f6flq@wanadoo.fr
Sent: Saturday, October 12, 2013 11:04
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Failed to succeed my echotest exam...

Hello the Group !

Happy to meet you...

I'm testing Dutch star Rev C board with kenwood tm v71 or FT 817 as analog radios and ID 51 or IC 7100 as dv radios -not altogether of course !-

Same issue with any radios configuration :

- I have passed RF Read NaWinTest with success :)

- But No audio back into dv radio while echo testing :

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- analog radios are 9600 and nfm setup

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-Trim pot TX onto the board have no effect

- Trim output level throught kenwood software when TM V71 is running have no effect

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On detail from the board : The "red" led PTT is not lightning while analog radios are transmitting back the "player" message : is it normal ?

Any other idea ?

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How to use the "scope" soft Dutch star reflector is providing ?

Is it helpfull to "record" the messages back from dv radios to check them ? I don't think so...

Any idea ?

Thank you in advance for your help.

I will be back when I find something else from my side.

My best regards to all.

Eric

F6FLQ

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4142 / Virus Database: 3604/6732 - Release Date: 10/08/13

10537. RE: [gmsk_dv_node] Failed to succeed my echotest exam...

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-12 15:38:34 UTC
From: Fred PA4YBR
Topic: 10535 Message: 10537

Eric,

In the NAWinCFG program, go to the "Mode" screen and enable the
"RSSI Monitor" checkbox. Reset the board, and all should be fine.

Regards,

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of f6flq@...
Sent: Saturday, October 12, 2013 5:04 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Failed to succeed my echotest exam...

Hello the Group !

Happy to meet you...

I'm testing Dutch star Rev C board with kenwood tm v71 or FT 817 as analog
radios and ID 51 or IC 7100 as dv radios -not altogether of course !-

Same issue with any radios configuration :

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- But No audio back into dv radio while echo testing :

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followed them step by step)

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-Trim pot TX onto the board have no effect
- Trim output level throught kenwood software when TM V71 is running have no
effect
- analog radios seems to switch well to tx (according to the meters out on
the analog radio, and meters in onto the dv radios)

I do receive a kind of silent "carrier" on dv radios, but no modulation at
all

On detail from the board : The "red" led PTT is not lightning while analog
radios are transmitting back the "player" message : is it normal ?

Any other idea ?

How to check if the board is "modulating" (I've no scope, no analyser) ?

How to use the "scope" soft Dutch star reflector is providing ?

Is it helpfull to "record" the messages back from dv radios to check them ?
I don't think so...

Any idea ?

Thank you in advance for your help.

I will be back when I find something else from my side.

My best regards to all.

Eric
F6FLQ

10538. RE: [gmsk_dv_node] Failed to succeed my echotest exam...

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-12 15:40:01 UTC
From: Fred PA4YBR
Topic: 10535 Message: 10538

Actually, NFM is correct. D-STAR uses GMSK, which is a narrowband modulation
scheme. Since we use GMSK at 4800bps, and our signal is only 6.25kHz wide, we need to trim down the deviation on modulation, and NFM does this quite nicely.

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Don Woodward
Sent: Saturday, October 12, 2013 5:32 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Failed to succeed my echotest exam...

You mentioned "nfm" - are you saying you it set in Narrowband FM mode - if so set it to normal FM. In narrowband mode the deviation is only 2.5kHz and normal FM is 5 kHz so that 2.5kHz may not be enough audio through.

Don Woodward

KD4APP

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of f6flq@...
Sent: Saturday, October 12, 2013 11:04
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Failed to succeed my echotest exam...

Hello the Group !

Happy to meet you...

I'm testing Dutch star Rev C board with kenwood tm v71 or FT 817 as analog radios and ID 51 or IC 7100 as dv radios -not altogether of course !-

Same issue with any radios configuration :

- I have passed RF Read NaWinTest with success :)

- But No audio back into dv radio while echo testing :

(I've already read excellent K6JM notes, many comments here, and have followed them step by step)

- analog radios are 9600 and nfm setup

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-Trim pot TX onto the board have no effect

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- analog radios seems to switch well to tx (according to the meters out on the analog radio, and meters in onto the dv radios)

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On detail from the board : The "red" led PTT is not lightning while analog radios are transmitting back the "player" message : is it normal ?

Any other idea ?

How to check if the board is "modulating" (I've no scope, no analyser) ?

How to use the "scope" soft Dutch star reflector is providing ?

Is it helpfull to "record" the messages back from dv radios to check them ? I don't think so...

Any idea ?

Thank you in advance for your help.

I will be back when I find something else from my side.

My best regards to all.

Eric

F6FLQ

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4142 / Virus Database: 3604/6732 - Release Date: 10/08/13

10539. RE: [gmsk_dv_node] Failed to succeed my echotest exam...

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-12 15:56:57 UTC
From: Don Woodward
Topic: 10535 Message: 10539

The reason I was thinking that was because the radio I am using is not narrowband capable (Motorola Maxtrac) - in my case the StarBoard is turning down the deviation, but the signal will still be wide on transmit to the Dstar radio - how does that work? Does the D-Star radio just clip it?

73's

Don Woodward

KD4APP

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Fred PA4YBR
Sent: Saturday, October 12, 2013 11:40
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Failed to succeed my echotest exam...

Actually, NFM is correct. D-STAR uses GMSK, which is a narrowband modulation

scheme. Since we use GMSK at 4800bps, and our signal is only 6.25kHz wide,

we need to trim down the deviation on modulation, and NFM does this quite nicely.

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Don Woodward
Sent: Saturday, October 12, 2013 5:32 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Failed to succeed my echotest exam...

You mentioned "nfm" - are you saying you it set in Narrowband FM mode - if so set it to normal FM. In narrowband mode the deviation is only 2.5kHz and normal FM is 5 kHz so that 2.5kHz may not be enough audio through.

Don Woodward

KD4APP

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of f6flq@...
Sent: Saturday, October 12, 2013 11:04
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Failed to succeed my echotest exam...

Hello the Group !

Happy to meet you...

I'm testing Dutch star Rev C board with kenwood tm v71 or FT 817 as analog radios and ID 51 or IC 7100 as dv radios -not altogether of course !-

Same issue with any radios configuration :

- I have passed RF Read NaWinTest with success :)

- But No audio back into dv radio while echo testing :

(I've already read excellent K6JM notes, many comments here, and have followed them step by step)

- analog radios are 9600 and nfm setup

- auto/ normal/reverse tx from nawinCFG have no effect

-Trim pot TX onto the board have no effect

- Trim output level throught kenwood software when TM V71 is running have no effect

- analog radios seems to switch well to tx (according to the meters out on the analog radio, and meters in onto the dv radios)

I do receive a kind of silent "carrier" on dv radios, but no modulation at all

On detail from the board : The "red" led PTT is not lightning while analog radios are transmitting back the "player" message : is it normal ?

Any other idea ?

How to check if the board is "modulating" (I've no scope, no analyser) ?

How to use the "scope" soft Dutch star reflector is providing ?

Is it helpfull to "record" the messages back from dv radios to check them ? I don't think so...

Any idea ?

Thank you in advance for your help.

I will be back when I find something else from my side.

My best regards to all.

Eric

F6FLQ

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Checked by AVG - www.avg.com
Version: 2014.0.4142 / Virus Database: 3604/6732 - Release Date: 10/08/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4142 / Virus Database: 3604/6732 - Release Date: 10/08/13

10540. RE: [gmsk_dv_node] Failed to succeed my echotest exam...

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-12 16:15:45 UTC
From: Fred PA4YBR
Topic: 10535 Message: 10540

Exactly.

That is why people with the ID-31, ID-51 and now IC-7100 are having some issues with their hotspots... those newer radios have "stricter" (smaller) filters, and so if the hotspot is sending a signal that is too wide (too much
deviation), the receiving radios will "miss" parts of it, parts that were clipped
off by their filters.

So, in cases where no NFM mode is available, make sure to "trim down" the signal until it works. I call my ID-31 my "hotspot calibration tool" for
that reason ;-)

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Don Woodward
Sent: Saturday, October 12, 2013 5:57 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Failed to succeed my echotest exam...

The reason I was thinking that was because the radio I am using is not narrowband capable (Motorola Maxtrac) - in my case the StarBoard is turning down the deviation, but the signal will still be wide on transmit to the Dstar radio - how does that work? Does the D-Star radio just clip it?

73's

Don Woodward

KD4APP

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Fred PA4YBR
Sent: Saturday, October 12, 2013 11:40
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Failed to succeed my echotest exam...

Actually, NFM is correct. D-STAR uses GMSK, which is a narrowband modulation

scheme. Since we use GMSK at 4800bps, and our signal is only 6.25kHz wide,

we need to trim down the deviation on modulation, and NFM does this quite nicely.

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Don Woodward
Sent: Saturday, October 12, 2013 5:32 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Failed to succeed my echotest exam...

You mentioned "nfm" - are you saying you it set in Narrowband FM mode - if so set it to normal FM. In narrowband mode the deviation is only 2.5kHz and normal FM is 5 kHz so that 2.5kHz may not be enough audio through.

Don Woodward

KD4APP

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of f6flq@...
Sent: Saturday, October 12, 2013 11:04
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Failed to succeed my echotest exam...

Hello the Group !

Happy to meet you...

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- But No audio back into dv radio while echo testing :

(I've already read excellent K6JM notes, many comments here, and have followed them step by step)

- analog radios are 9600 and nfm setup

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On detail from the board : The "red" led PTT is not lightning while analog radios are transmitting back the "player" message : is it normal ?

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Is it helpfull to "record" the messages back from dv radios to check them ? I don't think so...

Any idea ?

Thank you in advance for your help.

I will be back when I find something else from my side.

My best regards to all.

Eric

F6FLQ

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Version: 2014.0.4142 / Virus Database: 3604/6732 - Release Date: 10/08/13

10541. RE: Failed to succeed my echotest exam...

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-12 17:38:57 UTC
From: <f6flq@...>
Topic: 10535 Message: 10541

How quick and efficient you are, Fred and Don !

I'm very impressed !

I have to say I don't think RSSI Report was the problem because I have had tried with and without before.

But I guess Don was right : I've switch the TM V71 to FM and ....echo was there (into ID51 and 7100) after having... COUNTERclockwised almost completely the Tx pot on the board !

Thank you very much to you both...!

See you..

Eric
F6FLQ

---In gmsk_dv_node@yahoogroups.com, <fred@...> wrote:

Exactly.

That is why people with the ID-31, ID-51 and now IC-7100 are having some issues with their hotspots... those newer radios have "stricter" (smaller) filters, and so if the hotspot is sending a signal that is too wide (too much deviation), the receiving radios will "miss" parts of it, parts that were clipped off by their filters.

So, in cases where no NFM mode is available, make sure to "trim down" the signal until it works. I call my ID-31 my "hotspot calibration tool" for that reason ;-)

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Don Woodward
Sent: Saturday, October 12, 2013 5:57 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Failed to succeed my echotest exam...

The reason I was thinking that was because the radio I am using is not narrowband capable (Motorola Maxtrac) – in my case the StarBoard is turning down the deviation, but the signal will still be wide on transmit to the Dstar radio – how does that work? Does the D-Star radio just clip it?

73’s

Don Woodward
KD4APP

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Sent: Saturday, October 12, 2013 11:40
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Failed to succeed my echotest exam...

Actually, NFM is correct. D-STAR uses GMSK, which is a narrowband modulation scheme. Since we use GMSK at 4800bps, and our signal is only 6.25kHz wide, we need to trim down the deviation on modulation, and NFM does this quite nicely.
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From: gmsk_dv_node@yahoogroups.com mailto:gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Don Woodward
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Don Woodward
KD4APP
From: gmsk_dv_node@yahoogroups.com mailto:gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of f6flq@... mailto:f6flq@...
Sent: Saturday, October 12, 2013 11:04
To: gmsk_dv_node@yahoogroups.com mailto:gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Failed to succeed my echotest exam...

Hello the Group !
Happy to meet you...

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- analog radios are 9600 and nfm setup

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On detail from the board : The "red" led PTT is not lightning while analog radios are transmitting back the "player" message : is it normal ?

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Thank you in advance for your help.

I will be back when I find something else from my side.

My best regards to all.

Eric

F6FLQ

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Version: 2014.0.4142 / Virus Database: 3604/6732 - Release Date: 10/08/13

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10542. RE: [gmsk_dv_node] RE: Failed to succeed my echotest exam...

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-12 17:59:16 UTC
From: Fred PA4YBR
Topic: 10535 Message: 10542

Hmm.

I just tried on my TM-V7 (older brother of the TM-V71) and if I set it to NFM, it
works fine on my ID31. If I set it to FM, I will still work, but I have to turn down
the TX audio drive level a LOT to make it work...

Anyway, good that it's working!

Jim: maybe one for the FAQ ?

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of f6flq@...
Sent: Saturday, October 12, 2013 7:39 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] RE: Failed to succeed my echotest exam...

How quick and efficient you are, Fred and Don !

I'm very impressed !

I have to say I don't think RSSI Report was the problem because I have had tried with and without before.

But I guess Don was right : I've switch the TM V71 to FM and ....echo was there (into ID51 and 7100) after having... COUNTERclockwised almost completely the Tx pot on the board !

Thank you very much to you both...!

See you..

Eric

F6FLQ

---In gmsk_dv_node@yahoogroups.com, <fred@...> wrote:

Exactly.

That is why people with the ID-31, ID-51 and now IC-7100 are having some issues with their hotspots... those newer radios have "stricter" (smaller) filters, and so if the hotspot is sending a signal that is too wide (too much

deviation), the receiving radios will "miss" parts of it, parts that were clipped
off by their filters.

So, in cases where no NFM mode is available, make sure to "trim down" the signal until it works. I call my ID-31 my "hotspot calibration tool" for
that reason ;-)

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Don Woodward
Sent: Saturday, October 12, 2013 5:57 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Failed to succeed my echotest exam...

The reason I was thinking that was because the radio I am using is not narrowband capable (Motorola Maxtrac) - in my case the StarBoard is turning down the deviation, but the signal will still be wide on transmit to the Dstar radio - how does that work? Does the D-Star radio just clip it?

73's

Don Woodward

KD4APP

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Fred PA4YBR
Sent: Saturday, October 12, 2013 11:40
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Failed to succeed my echotest exam...

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scheme. Since we use GMSK at 4800bps, and our signal is only 6.25kHz wide,

we need to trim down the deviation on modulation, and NFM does this quite nicely.

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Don Woodward
Sent: Saturday, October 12, 2013 5:32 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Failed to succeed my echotest exam...

You mentioned "nfm" - are you saying you it set in Narrowband FM mode - if so set it to normal FM. In narrowband mode the deviation is only 2.5kHz and normal FM is 5 kHz so that 2.5kHz may not be enough audio through.

Don Woodward

KD4APP

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of f6flq@...
Sent: Saturday, October 12, 2013 11:04
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Failed to succeed my echotest exam...

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Any idea ?

Thank you in advance for your help.

I will be back when I find something else from my side.

My best regards to all.

Eric

F6FLQ

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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4142 / Virus Database: 3604/6732 - Release Date: 10/08/13

10543. WinDV crashing out

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-12 21:50:47 UTC
From: Mike Smith
Topic: 10543 Message: 10543

Hi,
I've been using WinDV with an icom 2820 and a DVAP successfully for a while now, then last night windv just died on me and no matter what I cannot get it going any again. It just crashes and burns at startup, I have deinstalled it and the ftdi drivers and reinstalled again with the same problem. Anyone else out there suffering similarly? Anyone know the solution?

Thanks, Mike.
2E0GTT

[http://static.ideasunplugged.com/signature/s_208/t_u81G38.jpg?v=12]

Cheers, Mike.

Mike Smith

M: +44 7973 221971
[Email]<mailto:mike@realtimetesting.co.uk>[Twitter]<http://twitter.com/mikey1963>[LinkedIn]<http://www.linkedin.com/in/mikesmithce?_mSplash=1>[Skype]<skype:mike.smith?userinfo>[WordPress]<http://mikey1963.com/>

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Please note that neither realtimetesting nor the sender accepts any responsibility for viruses or any losses caused as a result of viruses and it is your responsibility to scan or otherwise check this email and any attachments.

10544. RE: [gmsk_dv_node] WinDV crashing out

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-12 21:54:25 UTC
From: Fred PA4YBR
Topic: 10543 Message: 10544

Mike,

Try starting it with the DVAP *not* connected .. does it crash out then, too?

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Mike Smith
Sent: Saturday, October 12, 2013 11:51 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] WinDV crashing out

Hi,
I've been using WinDV with an icom 2820 and a DVAP successfully for a while now, then last night windv just died on me and no matter what I cannot get it going any again. It just crashes and burns at startup, I have deinstalled it and the ftdi drivers and reinstalled again with the same problem. Anyone else out there suffering similarly? Anyone know the solution?

Thanks, Mike.
2E0GTT

<http://static.ideasunplugged.com/signature/s_208/t_u81G38.jpg?v=12>

Cheers, Mike.
Mike Smith

M: +44 7973 221971
<mailto:mike@...> Email <http://twitter.com/mikey1963>
Twitter <http://www.linkedin.com/in/mikesmithce?_mSplash=1> LinkedIn
<skype:mike.smith?userinfo> Skype <http://mikey1963.com/> WordPress

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10545. Re: [gmsk_dv_node] D-Star at Pacificon Hamfest

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-12 21:58:41 UTC
From: Jeremy J Barbouttis
Topic: 10522 Message: 10545

Is there a ways of access information regarding Robins new stuff?

Quite keen to find out more.

Regards,

Jeremy

On 12/10/2013, at 3:44 PM, "J. M. Moen" <jim@...> wrote:

> Sorry, no live streaming. I wish we could at least do the D-Star forum….
>
> Jim – K6JM
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeremy J Barbouttis
> Sent: Friday, October 11, 2013 7:30 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: Re: [gmsk_dv_node] D-Star at Pacificon Hamfest
>
> How do you access the live streaming?
>
> Thanks
>
>
> Jeremy
>
> VK2MJM
>
>
> On 12/10/2013, at 10:30 AM, Tony Langdon <vk3jed@vkradio.com> wrote:
>
>
> On 11/10/13 1:32 AM, m1dns.gb3hb@... wrote:
>
> Is anyone aware of any web "streaming" from the forums from this years pacificon event ??
>
> The problem with live streaming from the US is one has to pull an all nighter to take part! :(
>
>
>

10546. Re: [gmsk_dv_node] WinDV crashing out

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-12 22:24:52 UTC
From: Mike Smith
Topic: 10543 Message: 10546

That was a good question to ask as it was a mode I had not tested but I get the same condition unfortunately. There's nothing wrong with the hardware either as I can still work it using the standard dvap software.

[http://static.ideasunplugged.com/signature/s_208/t_u81G38.jpg?v=12]

Cheers, Mike.

Mike Smith

M: +44 7973 221971
[Email]<mailto:mike@....uk>[Twitter]<http://twitter.com/mikey1963>[LinkedIn]<http://www.linkedin.com/in/mikesmithce?_mSplash=1>[Skype]<skype:mike.smith?userinfo>[WordPress]<http://mikey1963.com/>

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On 12 Oct 2013, at 22:53, "Fred PA4YBR" <fred@...<mailto:fred@dutch-star.eu>> wrote:

Mike,

Try starting it with the DVAP *not* connected .. does it crash out then, too?

--fred

From: gmsk_dv_node@yahoogroups.com<mailto:gmsk_dv_node@yahoogroups.com>
[mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Mike Smith
Sent: Saturday, October 12, 2013 11:51 PM
To: gmsk_dv_node@yahoogroups.com<mailto:gmsk_dv_node@yahoogroups.com>
Subject: [gmsk_dv_node] WinDV crashing out

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M: +44 7973 221971
[Email]<mailto:mike@realtimetesting.co.uk>[Twitter]<http://twitter.com/mikey1963>[LinkedIn]<http://www.linkedin.com/in/mikesmithce?_mSplash=1>[Skype]<skype:mike.smith?userinfo>[WordPress]<http://mikey1963.com/>

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10547. RE: [gmsk_dv_node] WinDV crashing out

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-12 22:32:44 UTC
From: Fred PA4YBR
Topic: 10543 Message: 10547

OK.

Do you hear a short "doing" sound just before it crashes?

If so.... something in its configuration data (the registry) is hosed, and causing
it to crash out. To fix that, you could just erase the configuration by removing
the registry key that deals with it:

HKCU\Software\MicroWalt Corporation\WinDV

after which it *should* start up OK again, and you can re-configure it...

Hope this helps!

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Mike Smith
Sent: Sunday, October 13, 2013 12:25 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] WinDV crashing out

That was a good question to ask as it was a mode I had not tested but I get the same condition unfortunately. There's nothing wrong with the hardware either as I can still work it using the standard dvap software.

<http://static.ideasunplugged.com/signature/s_208/t_u81G38.jpg?v=12>

Cheers, Mike.
Mike Smith

M: +44 7973 221971
<mailto:mike@...> Email <http://twitter.com/mikey1963> Twitter <http://www.linkedin.com/in/mikesmithce?_mSplash=1> LinkedIn <skype:mike.smith?userinfo> Skype <http://mikey1963.com/> WordPress

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On 12 Oct 2013, at 22:53, "Fred PA4YBR" <fred@...> wrote:

Mike,

Try starting it with the DVAP *not* connected .. does it crash out then, too?

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Mike Smith
Sent: Saturday, October 12, 2013 11:51 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] WinDV crashing out

Hi,
I've been using WinDV with an icom 2820 and a DVAP successfully for a while now, then last night windv just died on me and no matter what I cannot get it going any again. It just crashes and burns at startup, I have deinstalled it and the ftdi drivers and reinstalled again with the same problem. Anyone else out there suffering similarly? Anyone know the solution?

Thanks, Mike.
2E0GTT

<http://static.ideasunplugged.com/signature/s_208/t_u81G38.jpg?v=12>

Cheers, Mike.
Mike Smith

M: +44 7973 221971
<mailto:mike@...> Email <http://twitter.com/mikey1963> Twitter <http://www.linkedin.com/in/mikesmithce?_mSplash=1> LinkedIn <skype:mike.smith?userinfo> Skype <http://mikey1963.com/> WordPress

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10548. Re: [gmsk_dv_node] WinDV crashing out

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-12 22:46:18 UTC
From: Mike Smith
Topic: 10543 Message: 10548

You sir are a complete and utter genius!! Thanks it worked perfectly. :)

[http://static.ideasunplugged.com/signature/s_208/t_u81G38.jpg?v=12]

Cheers, Mike.

Mike Smith

M: +44 7973 221971
[Email]<mailto:mike@realtimetesting.co.uk>[Twitter]<http://twitter.com/mikey1963>[LinkedIn]<http://www.linkedin.com/in/mikesmithce?_mSplash=1>[Skype]<skype:mike.smith?userinfo>[WordPress]<http://mikey1963.com/>

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On 12 Oct 2013, at 23:31, "Fred PA4YBR" <fred@...<mailto:fred@...>> wrote:

OK.

Do you hear a short "doing" sound just before it crashes?

If so.... something in its configuration data (the registry) is hosed, and causing
it to crash out. To fix that, you could just erase the configuration by removing
the registry key that deals with it:

HKCU\Software\MicroWalt Corporation\WinDV

after which it *should* start up OK again, and you can re-configure it...

Hope this helps!

--fred

From: gmsk_dv_node@yahoogroups.com<mailto:gmsk_dv_node@yahoogroups.com>
[mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Mike Smith
Sent: Sunday, October 13, 2013 12:25 AM
To: gmsk_dv_node@yahoogroups.com<mailto:gmsk_dv_node@yahoogroups.com>
Subject: Re: [gmsk_dv_node] WinDV crashing out

That was a good question to ask as it was a mode I had not tested but I get the same condition unfortunately. There's nothing wrong with the hardware either as I can still work it using the standard dvap software.

[http://static.ideasunplugged.com/signature/s_208/t_u81G38.jpg?v=12]

Cheers, Mike.

Mike Smith

M: +44 7973 221971
[Email]<mailto:mike@realtimetesting.co.uk>[Twitter]<http://twitter.com/mikey1963>[LinkedIn]<http://www.linkedin.com/in/mikesmithce?_mSplash=1>[Skype]<skype:mike.smith?userinfo>[WordPress]<http://mikey1963.com/>

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On 12 Oct 2013, at 22:53, "Fred PA4YBR" <fred@...<mailto:fred@...>> wrote:

Mike,

Try starting it with the DVAP *not* connected .. does it crash out then, too?

--fred

From: gmsk_dv_node@yahoogroups.com<mailto:gmsk_dv_node@yahoogroups.com>
[mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Mike Smith
Sent: Saturday, October 12, 2013 11:51 PM
To: gmsk_dv_node@yahoogroups.com<mailto:gmsk_dv_node@yahoogroups.com>
Subject: [gmsk_dv_node] WinDV crashing out

Hi,
I've been using WinDV with an icom 2820 and a DVAP successfully for a while now, then last night windv just died on me and no matter what I cannot get it going any again. It just crashes and burns at startup, I have deinstalled it and the ftdi drivers and reinstalled again with the same problem. Anyone else out there suffering similarly? Anyone know the solution?

Thanks, Mike.
2E0GTT

[http://static.ideasunplugged.com/signature/s_208/t_u81G38.jpg?v=12]

Cheers, Mike.

Mike Smith

M: +44 7973 221971
[Email]<mailto:mike@...>[Twitter]<http://twitter.com/mikey1963>[LinkedIn]<http://www.linkedin.com/in/mikesmithce?_mSplash=1>[Skype]<skype:mike.smith?userinfo>[WordPress]<http://mikey1963.com/>

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10549. RE: [gmsk_dv_node] WinDV crashing out

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-12 22:55:01 UTC
From: Fred PA4YBR
Topic: 10543 Message: 10549

Hurray!

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Mike Smith
Sent: Sunday, October 13, 2013 12:46 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] WinDV crashing out

You sir are a complete and utter genius!! Thanks it worked perfectly. :)

<http://static.ideasunplugged.com/signature/s_208/t_u81G38.jpg?v=12>

Cheers, Mike.
Mike Smith

M: +44 7973 221971
<mailto:mike@...> Email <http://twitter.com/mikey1963>
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after which it *should* start up OK again, and you can re-configure it...

Hope this helps!

--fred

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Mike Smith

M: +44 7973 221971
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Sent: Saturday, October 12, 2013 11:51 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] WinDV crashing out

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Thanks, Mike.
2E0GTT

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Cheers, Mike.
Mike Smith

M: +44 7973 221971
<mailto:mike@...> Email <http://twitter.com/mikey1963>
Twitter <http://www.linkedin.com/in/mikesmithce?_mSplash=1> LinkedIn
<skype:mike.smith?userinfo> Skype <http://mikey1963.com/> WordPress

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10550. RE: TKR-850 Conversion

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-13 04:38:29 UTC
From: <chris@...>
Topic: 10533 Message: 10550

UPDATE: I fixed the problem.

The repeater does not need to be set to Narrow. Leave it on Wide.

Regards,

Chris Andrist, KC7WSU

---In gmsk_dv_node@yahoogroups.com, <gmsk_dv_node@yahoogroups.com> wrote:

I am looking for some help converting my TKR-850 to D-Star. I have a moencomm board. I am curious how I need to program the repeater. I changed the operating mode to duplex instead of repeat. I disabled the ctcss I set it to narrowband Connected to the DB25 on the back to the data tx/rx audio In NACfg I set RX/TX to invert. I am able to decode the dstar when close by, but not from a distance. My friend is 3+ miles away and can hear the signal in FM mode, but his radio will not decode it. Any help would be appreciated. I am using the G4KLX software on a raspberry pi. Regards, Chris Andrist, KC7WSU

10551. Re: TKR-850 Conversion

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-13 16:33:45 UTC
From: John Hays
Topic: 10533 Message: 10551

It doesn't need to be narrow banded, it just makes the receiver work better for D-STAR.

Sent from Samsung tablet

10552. Raspberry Pi and NQSMHS board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-13 18:00:26 UTC
From: <rkbuxton@...>
Topic: 10552 Message: 10552

I'd bet that my issue isn't something new. I am just now trying to setup my Raspberry Pi and the NQSMHS board. I thought I would find setup instructions somewhere but have not. So here I am.

I have installed the Raspberry PI image for GMSK modem from http://www.westerndstar.co.uk/html/downloads.html

Now I think I need some detailed instructions on what to do with all of the setup screens. For all I know I could have installed the wrong image for my board but I believe it to be correct. I did find a help file http://ab4bj.com/wordpress/wp-content/uploads/Raspberry-PI-DVAP-12-24-2012-small1.pdf but this is from an older version and more specific to the DVAP with the Pi.

Thanks!

10553. RE: [gmsk_dv_node] Raspberry Pi and NQSMHS board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-14 03:40:42 UTC
From: J. M. Moen
Topic: 10552 Message: 10553

I'll send you my installation notes by private mail.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of rkbuxton@...
Sent: Sunday, October 13, 2013 11:00 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Raspberry Pi and NQSMHS board
I'd bet that my issue isn't something new. I am just now trying to setup my Raspberry Pi and the NQSMHS board. I thought I would find setup instructions somewhere but have not. So here I am.

I have installed the Raspberry PI image for GMSK modem from http://www.westerndstar.co.uk/html/downloads.html

Now I think I need some detailed instructions on what to do with all of the setup screens. For all I know I could have installed the wrong image for my board but I believe it to be correct. I did find a help file http://ab4bj.com/wordpress/wp-content/uploads/Raspberry-PI-DVAP-12-24-2012-small1.pdf but this is from an older version and more specific to the DVAP with the Pi.

Thanks!

10554. Data comsumption question

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-15 17:27:32 UTC
From: n2zdu
Topic: 10554 Message: 10554

Greetings all. This is my first post... so be gentle !! My club is installing an OEM repeater in a rural location and can't get internet from the local area. I have a 3g wifi hotspot I was considering using and trying to figure out what kind of data consumption I would be looking at. I know there's a ton of variables, like full time reflector connections, etc, but just looking for a ballpark guess... Thanks, in advance, for help... Joe

10555. RE: [gmsk_dv_node] Data comsumption question

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-15 17:50:51 UTC
From: Kerry Atkinson
Topic: 10554 Message: 10555

How far from a local internet point is the repeater? If it is less than 30 miles you might want to take a look at www.ubnt.net<http://www.ubnt.net> and their airmax dishes. they run an average of 100.00 per dish and, in the long run, will be far cheaper and more reliable than a 3g hotspot.

Kerry
VE6GG

From: gmsk_dv_node@yahoogroups.com <gmsk_dv_node@yahoogroups.com> on behalf of n2zdu <beegroupnews@...>
Sent: Tuesday, October 15, 2013 11:27
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Data comsumption question

Greetings all. This is my first post... so be gentle !! My club is installing an OEM repeater in a rural location and can't get internet from the local area. I have a 3g wifi hotspot I was considering using and trying to figure out what kind of data consumption I would be looking at. I know there's a ton of variables, like full time reflector connections, etc, but just looking for a ballpark guess... Thanks, in advance, for help...
Joe

10556. RE: [gmsk_dv_node] Data comsumption question

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-15 17:51:42 UTC
From: Kerry Atkinson
Topic: 10554 Message: 10556

correction that is www.ubnt.com<http://www.ubnt.com> NOT .NET

Kerry

From: gmsk_dv_node@yahoogroups.com <gmsk_dv_node@yahoogroups.com> on behalf of Kerry Atkinson <katkinson@...>
Sent: Tuesday, October 15, 2013 11:50
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Data comsumption question

How far from a local internet point is the repeater? If it is less than 30 miles you might want to take a look at www.ubnt.net<http://www.ubnt.net> and their airmax dishes. they run an average of 100.00 per dish and, in the long run, will be far cheaper and more reliable than a 3g hotspot.

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Joe

10557. Re: RE: [gmsk_dv_node] Data comsumption question

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-15 19:47:29 UTC
From: Joe
Topic: 10554 Message: 10557

Thanks Kerry... I have access to a fellow ham's internet at his house about 2 miles away. That was one option we we're thinking about... I'll take a look at the website for hardware !!

-----Original Message-----
From: katkinson@...
To: gmsk_dv_node <gmsk_dv_node@yahoogroups.com>
Sent: Tue, Oct 15, 2013 9:51 am
Subject: RE: [gmsk_dv_node] Data comsumption question

correction that is www.ubnt.com NOT .NET

Kerry

From: gmsk_dv_node@yahoogroups.com <gmsk_dv_node@yahoogroups.com> on behalf of Kerry Atkinson <katkinson@...>

Sent: Tuesday, October 15, 2013 11:50

To: gmsk_dv_node@yahoogroups.com

Subject: RE: [gmsk_dv_node] Data comsumption question

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From: gmsk_dv_node@yahoogroups.com <gmsk_dv_node@yahoogroups.com> on behalf of n2zdu <beegroupnews@...>

Sent: Tuesday, October 15, 2013 11:27

To: gmsk_dv_node@yahoogroups.com

Subject: [gmsk_dv_node] Data comsumption question

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10558. RE: [gmsk_dv_node] Data comsumption question

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-16 03:05:50 UTC
From: J. M. Moen
Topic: 10554 Message: 10558

There have to be experts who can tell you exactly how much bandwidth you need for various conditions, but one way to minimize what you need is to pick a reflector and stay linked to that, then encourage people to link to that reflector rather than directly to your system.

Many production repeaters do run off a wifi link. As I'm sure you know, as long as there are no visual obstructions, you can get significant distance when using high-gain antennas.

But the airMAX system recommended by Kerry VED6GG sounds like it would be a better fit..

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of n2zdu
Sent: Tuesday, October 15, 2013 10:28 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Data comsumption question

Greetings all. This is my first post... so be gentle !! My club is installing an OEM repeater in a rural location and can't get internet from the local area. I have a 3g wifi hotspot I was considering using and trying to figure out what kind of data consumption I would be looking at. I know there's a ton of variables, like full time reflector connections, etc, but just looking for a ballpark guess... Thanks, in advance, for help... Joe

10559. Re: Data comsumption question

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-16 13:40:50 UTC
From: n2zdu
Topic: 10554 Message: 10559

Thanks for the input... I did some research into the airMaxx hardware and found some reasonable solutions.....Just have to make sure we have a path !!!

--- In gmsk_dv_node@yahoogroups.com, "J. M. Moen" <jim@...> wrote:
>
> There have to be experts who can tell you exactly how much bandwidth you
> need for various conditions, but one way to minimize what you need is to
> pick a reflector and stay linked to that, then encourage people to link to
> that reflector rather than directly to your system.
>
> Many production repeaters do run off a wifi link. As I'm sure you know, as
> long as there are no visual obstructions, you can get significant distance
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>
> But the airMAX system recommended by Kerry VED6GG sounds like it would be a
> better fit..
>
> Jim - K6JM
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> there's a ton of variables, like full time reflector connections, etc, but
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10560. Can the dvrptr v1 be used with the Icom IC-FR6000

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-18 13:40:58 UTC
From: <radiohound@...>
Topic: 10560 Message: 10560

Does anyone know if the IC-FR6000 can be made to work with the dvrptr v1?

Thanks,

Walter

10561. RE: [gmsk_dv_node] Can the dvrptr v1 be used with the Icom IC-FR6000

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-18 14:20:14 UTC
From: Don Woodward
Topic: 10560 Message: 10561

That is a IDAS/NXDN repeater – yes it has analog and digital to allow users to transition to digital, but the digital side would be IDAS/NXDN. Are you wanting to use the analog side like you would with any analog only repeater? The configuration guide is available at Icom’s website – not sure if you can configure it for analog only and turn off IDAS/NXDN.

73's

Don Woodward

Ball Ground, GA

KD4APP

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of radiohound@...
Sent: Friday, October 18, 2013 09:41
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Can the dvrptr v1 be used with the Icom IC-FR6000

Does anyone know if the IC-FR6000 can be made to work with the dvrptr v1?

Thanks,

Walter

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4142 / Virus Database: 3604/6732 - Release Date: 10/08/13
Internal Virus Database is out of date.

10562. RE: RE: [gmsk_dv_node] Can the dvrptr v1 be used with the Icom IC-FR6000

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-18 14:42:06 UTC
From: <radiohound@...>
Topic: 10560 Message: 10562

Thanks,

Yes, I was thinking of using it for dstar with a node adapter. The configuration guide seems to list all the accessories, but in Features Functions and Benefits, it mentions:

Can program the repeater for analog 25 and
12.5 Kc operation, or 6.26 Kc NXDN FDMA digital
operation.

---In gmsk_dv_node@yahoogroups.com, <gmsk_dv_node@yahoogroups.com> wrote:

That is a IDAS/NXDN repeater – yes it has analog and digital to allow users to transition to digital, but the digital side would be IDAS/NXDN. Are you wanting to use the analog side like you would with any analog only repeater? The configuration guide is available at Icom's website – not sure if you can configure it for analog only and turn off IDAS/NXDN.

73's

Don Woodward
Ball Ground, GA
KD4APP

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of radiohound@...
Sent: Friday, October 18, 2013 09:41
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Can the dvrptr v1 be used with the Icom IC-FR6000

Does anyone know if the IC-FR6000 can be made to work with the dvrptr v1?

Thanks,

Walter

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4142 / Virus Database: 3604/6732 - Release Date: 10/08/13
Internal Virus Database is out of date.

10563. K2DIG News

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-19 14:54:04 UTC
From: <linyc@...>
Topic: 10563 Message: 10563

Hi all,

K2DIG is back up on the air!!

The system is now back on outdoor antenna's at Empire and is operational in a stand alone mode. They are working to get the network connection back in operation.

73

N2GYN

John

10564. I can't ear them (Gateway users)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-20 18:02:44 UTC
From: <f6flq@...>
Topic: 10564 Message: 10564

Hi !

Unfortunately, I think I need your help one more time...

I'm running Dutchstar rev c/Windv.

My registered call sign are F6FLQ, F6FLQ__N,F6FLQ__B.

My echotest is ok now.

My settings seems ok to "upload" : My rf signals are read on XRF333A I've choosen as Gateway.

I've made some calls asking for anybody to report by mail if they were earing me..

A french ham has written back he actually has copied my call, but .... No even a signal back at all from him in the "Call history "!

I've tried many configurations without any success.

The reflector "ears" me/ the others "ear" me...and I have no audio neither no signal back from reflector like it don't find me !

What am I doing wrong ?

Anyone faced this issue ?

Perhaps an mistake in "standalone setting " into NawinCFG ?

Thank you very much in advance.

Regards

Eric
F6FLQ

10565. RE: [gmsk_dv_node] I can't ear them (Gateway users)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-20 19:30:42 UTC
From: Fred PA4YBR
Topic: 10564 Message: 10565

Eric,

I think I know what the problem is.... please contact me off-list so
we can check some stuff.

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of f6flq@...
Sent: Sunday, October 20, 2013 8:03 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] I can't ear them (Gateway users)

Hi !

Unfortunately, I think I need your help one more time...

I'm running Dutchstar rev c/Windv.

My registered call sign are F6FLQ, F6FLQ__N,F6FLQ__B.

My echotest is ok now.

My settings seems ok to "upload" : My rf signals are read on XRF333A I've
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I've made some calls asking for anybody to report by mail if they were
earing me..

A french ham has written back he actually has copied my call, but .... No
even a signal back at all from him in the "Call history "!

I've tried many configurations without any success.

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no signal back from reflector like it don't find me !

What am I doing wrong ?

Anyone faced this issue ?

Perhaps an mistake in "standalone setting " into NawinCFG ?

Thank you very much in advance.

Regards

Eric
F6FLQ

10566. RE: RE: [gmsk_dv_node] I can't ear them (Gateway users)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-20 19:59:18 UTC
From: <f6flq@...>
Topic: 10564 Message: 10566

thank you very much for your proposal...
could you give me your mail adress into f6flq@wanadoo.fr...i' don't see it overthere..neither on dutchstar reflector
I'll send you some screenpictures of my settings.

best regards

Eric

---In gmsk_dv_node@yahoogroups.com, <gmsk_dv_node@yahoogroups.com> wrote:

Eric,

I think I know what the problem is.... please contact me off-list so
we can check some stuff.

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of f6flq@...
Sent: Sunday, October 20, 2013 8:03 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] I can't ear them (Gateway users)

Hi !

Unfortunately, I think I need your help one more time...

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Anyone faced this issue ?

Perhaps an mistake in "standalone setting " into NawinCFG ?

Thank you very much in advance.

Regards

Eric
F6FLQ

10567. D-RATS, GMSKREPEATER & iRCDDBGATEWAY

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-10-23 07:52:54 UTC
From: Don Woodward
Topic: 10567 Message: 10567

I am able to connect D-RATS from a Windows PC to my Raspberry PI running GMSK Repeater and ircDDB Gateway connected to a Star*Board using a □radio□ configuration to the PI IP using port 20011 □ I can send chat info through that setup and I see my D-Rats data gets transmitted as data via the radio attached to the Star*Board and it shows up on another computer where I have a DV Dongle using DVTool 2.0beta5 under the □Data□ tab □ I see lots of other data there from other stations too, but none of the other station□s data shows up back on the D-Rats application.

Here□s what my data from D-Rats looks like as received by the DVTool when I sent the message □Test 123□ from D-Rats

```
[SOB]"=@=@=@=>7È=@!~~~~~~~!~~~~~~~[EOB]

[SOB]"=@=@=@§Ð=@KD4APP~~CQCQCQ~~Test 123[EOB]

My ircDDB Gateway is connected to REF030.

Should I be seeing any of that other data from other users coming back to
the D-Rats instance or will only another D-Rats data on REF030C be able to
talk two way?

Thanks and 73's

Don Woodward

Ball Ground, GA

KD4APP
```

10568. WinDV not connecting, DVAR Hotspot good

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-01 22:56:12 UTC
From: <k2ilh@...>
Topic: 10568 Message: 10568

I had WinDV develop problems and switched to DVAR Hotspot which works perfectly. After a year I'd like to use WinDV again. Using V 1.5.3 and Win 7. Connects OK to some REF and fails on others (i.e. Ref10c=good, REF030c fails).
Typically:
1101183341 Trying 'REF030 C' using DPlus (K2ILH) mode 2
1101183341 Connected to 'REF030 C' using DPlus
1101183353 Start GW stream (2ACD) mycall='AB4WS' urcall='CQCQCQ' rptr1='AB4WS' rptr2='REF030 C' flags=00
1101183353 End GW stream (2ACD) 12 packets
1101183356 IrcDDB: PING timeout (120 seconds)
1101183356 IrcDDB: Disconnected: Connection lost!
1101183356 G2DV: shutting down.

I'm lost ...

10569. RE: [gmsk_dv_node] WinDV not connecting, DVAR Hotspot good

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-02 09:10:39 UTC
From: Fred PA4YBR
Topic: 10568 Message: 10569

Karl,

It seems to connect to DPlus reflector 30 just fine. However, it also tries to connect to IrcDDB, and that looks like its failing. You probably enabled IrcDDB, but have not registered your node's callsign with therm.

Best thing is to disable IrcDDB until you actually registered with them.

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of k2ilh@...
Sent: Friday, November 01, 2013 11:56 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] WinDV not connecting, DVAR Hotspot good

I had WinDV develop problems and switched to DVAR Hotspot which works perfectly. After a year I'd like to use WinDV again. Using V 1.5.3 and Win 7. Connects OK to some REF and fails on others (i.e. Ref10c=good, REF030c fails).
Typically:
1101183341 Trying 'REF030 C' using DPlus (K2ILH) mode 2
1101183341 Connected to 'REF030 C' using DPlus
1101183353 Start GW stream (2ACD) mycall='AB4WS' urcall='CQCQCQ' rptr1='AB4WS' rptr2='REF030 C' flags=00
1101183353 End GW stream (2ACD) 12 packets
1101183356 IrcDDB: PING timeout (120 seconds)
1101183356 IrcDDB: Disconnected: Connection lost!
1101183356 G2DV: shutting down.

I'm lost ...

10570. RE: RE: [gmsk_dv_node] WinDV not connecting, DVAR Hotspot good

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-02 13:21:27 UTC
From: <k2ilh@...>
Topic: 10568 Message: 10570

Thanks guys, that seems to have fixed it. I don't recall details of when it stopped working. Looks like it was registered, with password, but I don't have it so I'll address that some other time. Working now Tnx agn.

---In gmsk_dv_node@yahoogroups.com, <gmsk_dv_node@yahoogroups.com> wrote:

Karl,

It seems to connect to DPlus reflector 30 just fine. However, it also tries
to connect to IrcDDB, and that looks like its failing. You probably enabled
IrcDDB, but have not registered your node's callsign with therm.

Best thing is to disable IrcDDB until you actually registered with them.

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of k2ilh@...
Sent: Friday, November 01, 2013 11:56 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] WinDV not connecting, DVAR Hotspot good

I had WinDV develop problems and switched to DVAR Hotspot which works perfectly. After a year I'd like to use WinDV again. Using V 1.5.3 and Win 7. Connects OK to some REF and fails on others (i.e. Ref10c=good, REF030c fails).
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1101183341 Connected to 'REF030 C' using DPlus
1101183353 Start GW stream (2ACD) mycall='AB4WS' urcall='CQCQCQ' rptr1='AB4WS' rptr2='REF030 C' flags=00
1101183353 End GW stream (2ACD) 12 packets
1101183356 IrcDDB: PING timeout (120 seconds)
1101183356 IrcDDB: Disconnected: Connection lost!
1101183356 G2DV: shutting down.

I'm lost ...

10571. nqsmhs and Raspberry pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-02 13:43:44 UTC
From: <rrockjohn@...>
Topic: 10571 Message: 10571

Using ircddb and gmsk repeater img from G4KLX. doesn't seem to recognize the mini hotspot. Suggestions???

10572. RE: RE: RE: [gmsk_dv_node] WinDV not connecting, DVAR Hotspot good

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-02 17:39:11 UTC
From: <k2ilh@...>
Topic: 10568 Message: 10572

Maybe spoke too soon. Deselected ircDBB and worked from PC ... tried 30C mobile, fine ... disc from mobile, fine ... later tried 30C from mobile, failed ... tried 10C from mobile ... fine. Back on PC ... can't connect to 30C
Log file excerpt:
1102131115 Start RF stream (7E87) mycall='K2ILH' urcall='REF030CL' rptr1='DIRECT' rptr2='DIRECT' flags=00
1102131115 RF command 'REF030CL' from K2ILH : TRYING REF030 C
1102131116 RF: we have command 2 queued for 1000 msec!
1102131116 End RF stream (7E87) 43 packets
1102131132 Trying 'REF030 C' using DPlus (K2ILH) mode 2
1102131132 Handled delayed command 2 (delay 1000)
1102131132 DPlus: Gateway 'REF030' not found!
1102131134 Disconnected from 'REF030 C'
1102131208 Start RF stream (390C) mycall='K2ILH' urcall='REF010CL' rptr1='DIRECT' rptr2='DIRECT' flags=00
1102131208 RF command 'REF010CL' from K2ILH : TRYING REF010 C
1102131208 RF: we have command 2 queued for 1000 msec!
1102131208 End RF stream (390C) 43 packets
1102131221 Trying 'REF010 C' using DPlus (K2ILH) mode 2
1102131221 Handled delayed command 2 (delay 1000)
1102131221 Connected to 'REF010 C' using DPlus
1102131358 Start RF stream (0F3E) mycall='K2ILH' urcall='CQCQCQ' rptr1='DIRECT' rptr2='DIRECT' flags=00
1102131359 End RF stream (0F3E) 43 packets

---In gmsk_dv_node@yahoogroups.com, <gmsk_dv_node@yahoogroups.com> wrote:

Thanks guys, that seems to have fixed it. I don't recall details of when it stopped working. Looks like it was registered, with password, but I don't have it so I'll address that some other time. Working now Tnx agn.

---In gmsk_dv_node@yahoogroups.com, <gmsk_dv_node@yahoogroups.com> wrote:

Karl,

It seems to connect to DPlus reflector 30 just fine. However, it also tries
to connect to IrcDDB, and that looks like its failing. You probably enabled
IrcDDB, but have not registered your node's callsign with therm.

Best thing is to disable IrcDDB until you actually registered with them.

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of k2ilh@...

Sent: Friday, November 01, 2013 11:56 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] WinDV not connecting, DVAR Hotspot good

I had WinDV develop problems and switched to DVAR Hotspot which works perfectly. After a year I'd like to use WinDV again. Using V 1.5.3 and Win 7. Connects OK to some REF and fails on others (i.e. Ref10c=good, REF030c fails).
Typically:
1101183341 Trying 'REF030 C' using DPlus (K2ILH) mode 2
1101183341 Connected to 'REF030 C' using DPlus
1101183353 Start GW stream (2ACD) mycall='AB4WS' urcall='CQCQCQ' rptr1='AB4WS' rptr2='REF030 C' flags=00
1101183353 End GW stream (2ACD) 12 packets
1101183356 IrcDDB: PING timeout (120 seconds)
1101183356 IrcDDB: Disconnected: Connection lost!
1101183356 G2DV: shutting down.

I'm lost ...

10573. RE: RE: RE: [gmsk_dv_node] WinDV not connecting, DVAR Hotspot good

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-02 17:45:57 UTC
From: Fred PA4YBR
Topic: 10568 Message: 10573

Update to the current version first... something in that log
doesn't look right, and if I remember correct, that was changed
in the next versions..

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of k2ilh@...
Sent: Saturday, November 02, 2013 6:39 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: RE: RE: [gmsk_dv_node] WinDV not connecting, DVAR Hotspot good

Maybe spoke too soon. Deselected ircDBB and worked from PC ... tried 30C
mobile, fine ... disc from mobile, fine ... later tried 30C from mobile,
failed ... tried 10C from mobile ... fine. Back on PC ... can't connect to
30C

Log file excerpt:

1102131115 Start RF stream (7E87) mycall='K2ILH' urcall='REF030CL'
rptr1='DIRECT' rptr2='DIRECT' flags=00
1102131115 RF command 'REF030CL' from K2ILH : TRYING REF030 C
1102131116 RF: we have command 2 queued for 1000 msec!
1102131116 End RF stream (7E87) 43 packets
1102131132 Trying 'REF030 C' using DPlus (K2ILH) mode 2
1102131132 Handled delayed command 2 (delay 1000)
1102131132 DPlus: Gateway 'REF030' not found!
1102131134 Disconnected from 'REF030 C'
1102131208 Start RF stream (390C) mycall='K2ILH' urcall='REF010CL'
rptr1='DIRECT' rptr2='DIRECT' flags=00
1102131208 RF command 'REF010CL' from K2ILH : TRYING REF010 C
1102131208 RF: we have command 2 queued for 1000 msec!
1102131208 End RF stream (390C) 43 packets
1102131221 Trying 'REF010 C' using DPlus (K2ILH) mode 2
1102131221 Handled delayed command 2 (delay 1000)
1102131221 Connected to 'REF010 C' using DPlus
1102131358 Start RF stream (0F3E) mycall='K2ILH' urcall='CQCQCQ'
rptr1='DIRECT' rptr2='DIRECT' flags=00
1102131359 End RF stream (0F3E) 43 packets

---In gmsk_dv_node@yahoogroups.com, <gmsk_dv_node@yahoogroups.com> wrote:

Thanks guys, that seems to have fixed it. I don't recall details of when it stopped working. Looks like it was registered, with password, but I don't have it so I'll address that some other time. Working now Tnx agn.

---In gmsk_dv_node@yahoogroups.com, <gmsk_dv_node@yahoogroups.com> wrote:

Karl,

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Best thing is to disable IrcDDB until you actually registered with them.

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of k2ilh@...
Sent: Friday, November 01, 2013 11:56 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] WinDV not connecting, DVAR Hotspot good

I had WinDV develop problems and switched to DVAR Hotspot which works perfectly. After a year I'd like to use WinDV again. Using V 1.5.3 and Win 7. Connects OK to some REF and fails on others (i.e. Ref10c=good, REF030c fails).
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1101183353 End GW stream (2ACD) 12 packets
1101183356 IrcDDB: PING timeout (120 seconds)
1101183356 IrcDDB: Disconnected: Connection lost!
1101183356 G2DV: shutting down.

I'm lost ...

10574. Re: RE: RE: RE: [gmsk_dv_node] WinDV not connecting, DVAR Hotspot good

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-02 19:47:04 UTC
From: Bill PIke
Topic: 10568 Message: 10574

```
Didn't help, sorry
Log file :
?1102154358? DV Node for Windows version 1.5.5
1102154358? Copyright 2010-2012? MicroWalt Corporation
1102154358 ?
1102154358? System: Windows 7 SP1 Home Premium Edition (64bit)
1102154358 ?
1102154358? Logging to 'C:\Users\BILLPI~1\AppData\Local\Temp\windv-20131102154358.log' at
level 8
1102154358 ?
1102154358?; Repeater starting up..
1102154358 ?
1102154358? Station: K2ILH? L
1102154358? CServer: DUTCH*Star DPNS (dpns.dutch-star.eu)
1102154358 ?
1102154358? NODE: version 'DUTCH*Star HSA V0.1.00F HSFIX' at ID 0300
1102154358? NODE: RSSI monitoring enabled.
1102154358? DPlus: initializing
1102154358 DExtra: initializing
1102154358? DCS: initializing
1102154358? APRS-IS: initializing
1102154358? APRS-IS: starting up (server 'newengland.aprs2.net')
1102154358? AuthRF: Access list loaded: 4 entries.
1102154358? AuthLINK: Access list loaded: 3 entries.
1102154358? DTMF: initializing.
1102154358? Repeater running!
1102154359? APRS-IS: connected to server.
1102154359? APRS-IS: operational.
1102154414? APRS-IS: Sent beacon to server.
1102154417? Trying 'REF030 C' using DPlus (K2ILH) mode 2
1102154418? DPlus: Gateway 'REF030' not found!
1102154419? Disconnected from 'REF030 C'
1102154419? NODE: operational.
1102154458? Trying 'REF010 C' using DPlus (K2ILH) mode 2
1102154459? Connected to 'REF010 C' using DPlus

?
?
Bill Pike
?
On 11/02/13, Fred PA4YBR wrote:
?
?
```

Update to the current version first... something in that log
doesn't look right, and if I remember correct, that was changed
in the next versions..
?
--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of k2ilh@...
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To: gmsk_dv_node@yahoogroups.com
Subject: RE: RE: RE: [gmsk_dv_node] WinDV not connecting, DVAR Hotspot good

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Log file excerpt:
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1102131115? RF command 'REF030CL' from K2ILH?? : TRYING REF030 C
1102131116? RF: we have command 2 queued for 1000 msec!
1102131116? End RF stream (7E87) 43 packets
1102131132? Trying 'REF030 C' using DPlus (K2ILH) mode 2
1102131132? Handled delayed command 2 (delay 1000)
1102131132 DPlus: Gateway 'REF030' not found!
1102131134? Disconnected from 'REF030 C'
1102131208? Start RF stream (390C) mycall='K2ILH' urcall='REF010CL' rptr1='DIRECT' rptr2='DIRECT' flags=00
1102131208? RF command 'REF010CL' from K2ILH?? : TRYING REF010 C
1102131208? RF: we have command 2 queued for 1000 msec!
1102131208? End RF stream (390C) 43 packets
1102131221? Trying 'REF010 C' using DPlus (K2ILH) mode 2
1102131221? Handled delayed command 2 (delay 1000)
1102131221? Connected to 'REF010 C' using DPlus
1102131358? Start RF stream (0F3E) mycall='K2ILH' urcall='CQCQCQ' rptr1='DIRECT' rptr2='DIRECT' flags=00
1102131359 End RF stream (0F3E) 43 packets

---In gmsk_dv_node@yahoogroups.com, <gmsk_dv_node@yahoogroups.com> wrote:

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?
Fred

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Sent: Friday, November 01, 2013 11:56 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] WinDV not connecting, DVAR Hotspot good

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I had WinDV develop problems and switched to DVAR Hotspot which works perfectly. After a year I'd like to use WinDV again. Using V 1.5.3 and Win 7. Connects OK to some REF and fails on others (i.e. Ref10c=good, REF030c fails).
Typically:
1101183341? Trying 'REF030 C' using DPlus (K2ILH) mode 2
1101183341? Connected to 'REF030 C' using DPlus
1101183353? Start GW stream (2ACD) mycall='AB4WS' urcall='CQCQCQ' rptr1='AB4WS' rptr2='REF030 C' flags=00
1101183353? End GW stream (2ACD) 12 packets
1101183356? IrcDDB: PING timeout (120 seconds)
1101183356? IrcDDB: Disconnected: Connection lost!
1101183356? G2DV: shutting down.

I'm lost ...

10575. Re: RE: RE: RE: [gmsk_dv_node] WinDV not connecting, DVAR Hotspot good

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-02 20:40:38 UTC
From: David Webb
Topic: 10568 Message: 10575

Bill,

Try updating your Hosts files.

Dave-KB1PVH

On Sat, Nov 2, 2013 3:47 PM EDT Bill PIke wrote:

>
>
>Didn't help, sorry Log file : 1102154358 DV Node for Windows version 1.5.5 1102154358 Copyright 2010-2012 MicroWalt Corporation 1102154358 1102154358 System: Windows 7 SP1 Home Premium Edition (64bit) 1102154358 1102154358 Logging to 'C:\Users\BILLPI~1\AppData\Local\Temp\windv-20131102154358.log' at level 8 1102154358 1102154358 Repeater starting up.. 1102154358 1102154358 Station: K2ILH L 1102154358 CServer: DUTCH*Star DPNS (dpns.dutch-star.eu) 1102154358 1102154358 NODE: version 'DUTCH*Star HSA V0.1.00F HSFIX' at ID 0300 1102154358 NODE: RSSI monitoring enabled. 1102154358 DPlus: initializing 1102154358 DExtra: initializing 1102154358 DCS: initializing 1102154358 APRS-IS: initializing 1102154358 APRS-IS: starting up (server 'newengland.aprs2.net') 1102154358 AuthRF: Access list loaded: 4 entries. 1102154358 AuthLINK: Access list loaded: 3 entries. 1102154358 DTMF: initializing. 1102154358 Repeater running! 1102154359 APRS-IS: connected to server. 1102154359 APRS-IS: operational. 1102154414 APRS-IS: Sent beacon to server. 1102154417 Trying 'REF030 C' using DPlus (K2ILH) mode 2 1102154418 DPlus: Gateway 'REF030' not found! 1102154419 Disconnected from 'REF030 C' 1102154419 NODE: operational. 1102154458 Trying 'REF010 C' using DPlus (K2ILH) mode 2 1102154459 Connected to 'REF010 C' using DPlus   Bill Pike On 11/02/13, Fred PA4YBR<fred@...> wrote: Update to the current version first... something in that log doesn't look right, and if I remember correct, that was changed in the next versions..   --fred From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of k2ilh@... Sent: Saturday, November 02, 2013 6:39 PM To: gmsk_dv_node@yahoogroups.com Subject: RE: RE: RE: [gmsk_dv_node] WinDV not connecting, DVAR Hotspot good   Maybe spoke too soon.
Deselected ircDBB and worked from PC ... tried 30C mobile, fine ... disc from mobile, fine ... later tried 30C from mobile, failed ... tried 10C from mobile ... fine. Back on PC ... can't connect to 30C Log file excerpt: 1102131115 Start RF stream (7E87) mycall='K2ILH' urcall='REF030CL' rptr1='DIRECT' rptr2='DIRECT' flags=00 1102131115 RF command 'REF030CL' from K2ILH   : TRYING REF030 C 1102131116 RF: we have command 2 queued for 1000 msec! 1102131116 End RF stream (7E87) 43 packets 1102131132 Trying 'REF030 C' using DPlus (K2ILH) mode 2 1102131132 Handled delayed command 2 (delay 1000) 1102131132 DPlus: Gateway 'REF030' not found! 1102131134 Disconnected from 'REF030 C' 1102131208 Start RF stream (390C) mycall='K2ILH' urcall='REF010CL' rptr1='DIRECT' rptr2='DIRECT' flags=00 1102131208 RF command 'REF010CL' from K2ILH   : TRYING REF010 C 1102131208 RF: we have command 2 queued for 1000 msec! 1102131208 End RF stream (390C)
43 packets 1102131221 Trying 'REF010 C' using DPlus (K2ILH) mode 2 1102131221 Handled

delayed command 2 (delay 1000) 1102131221 Connected to 'REF010 C' using DPlus 1102131358 Start RF stream (0F3E) mycall='K2ILH' urcall='CQCQCQ' rptr1='DIRECT' rptr2='DIRECT' flags=00 1102131359 End RF stream (0F3E) 43 packets ---In gmsk_dv_node@yahoogroups.com , < gmsk_dv_node@yahoogroups.com > wrote: Thanks guys, that seems to have fixed it. I don't recall details of when it stopped working. Looks like it was registered, with password, but I don't have it so I'll address that some other time. Working now Tnx agn. ---In gmsk_dv_node@yahoogroups.com , < gmsk_dv_node@yahoogroups.com > wrote: Karl,   It seems to connect to DPlus reflector 30 just fine. However, it also tries to connect to IrcDDB, and that looks like its failing. You probably enabled IrcDDB, but have not registered your node's callsign with therm.   Best thing is to disable IrcDDB until you actually registered with them.   Fred From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of k2ilh@... Sent: Friday, November 01, 2013 11:56 PM To: gmsk_dv_node@yahoogroups.com Subject: [gmsk_dv_node] WinDV not connecting, DVAR Hotspot good   I had WinDV develop problems and switched to DVAR Hotspot which works perfectly. After a year I'd like to use WinDV again. Using V 1.5.3 and Win 7. Connects OK to some REF and fails on others (i.e. Ref10c=good, REF030c fails). Typically: 1101183341 Trying 'REF030 C' using DPlus (K2ILH) mode 2 1101183341 Connected to 'REF030 C' using DPlus 1101183353 Start GW stream (2ACD) mycall='AB4WS' urcall='CQCQCQ' rptr1='AB4WS' rptr2='REF030 C' flags=00 1101183353 End GW stream (2ACD) 12 packets 1101183356 IrcDDB: PING timeout (120 seconds) 1101183356 IrcDDB: Disconnected: Connection lost! 1101183356 G2DV: shutting down. I'm lost ...
>

10576. RE: RE: RE: RE: [gmsk_dv_node] WinDV not connecting, DVAR Hotspot good

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-02 20:55:55 UTC
From: Fred PA4YBR
Topic: 10568 Message: 10576

No, the reflectors are not in the hosts files (normally..)

His logs show that it cannot find REF030, which is strange... I just tested on my laptop, and WinDV can find it just fine.

So.. yeah, this IS weird.

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of David Webb
Sent: Saturday, November 02, 2013 9:41 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: RE: RE: RE: [gmsk_dv_node] WinDV not connecting, DVAR Hotspot good

Bill,

Try updating your Hosts files.

Dave-KB1PVH

On Sat, Nov 2, 2013 3:47 PM EDT Bill PIke wrote:

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>Didn't help, sorry Log file : 1102154358 DV Node for Windows version 1.5.5 1102154358 Copyright 2010-2012 MicroWalt Corporation 1102154358 1102154358 System: Windows 7 SP1 Home Premium Edition (64bit) 1102154358 1102154358 Logging to 'C:\Users\BILLPI~1\AppData\Local\Temp\windv-20131102154358.log' at level 8 1102154358 1102154358 Repeater starting up.. 1102154358 1102154358 Station: K2ILH L 1102154358 CServer: DUTCH*Star DPNS (dpns.dutch-star.eu) 1102154358 1102154358 NODE: version 'DUTCH*Star HSA V0.1.00F HSFIX' at ID 0300 1102154358 NODE: RSSI monitoring enabled. 1102154358 DPlus: initializing 1102154358 DExtra: initializing 1102154358 DCS: initializing 1102154358 APRS-IS: initializing 1102154358 APRS-IS: starting up (server 'newengland.aprs2.net') 1102154358 AuthRF: Access list loaded: 4 entries. 1102154358 AuthLINK: Access list loaded: 3 entries. 1102154358 DTMF: initializing. 1102154358
Repeater running! 1102154359 APRS-IS: connected to server. 1102154359 APRS-IS: operational. 1102154414 APRS-IS: Sent beacon to server. 1102154417 Trying 'REF030 C' using DPlus (K2ILH) mode 2 1102154418 DPlus: Gateway

'REF030' not found! 1102154419 Disconnected from 'REF030 C' 1102154419 NODE: operational. 1102154458 Trying 'REF010 C' using DPlus (K2ILH) mode 2 1102154459 Connected to 'REF010 C' using DPlus Bill Pike On 11/02/13, Fred PA4YBR<fred@...> wrote: Update to the current version first... something in that log doesn't look right, and if I remember correct, that was changed in the next versions.. --fred From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of k2ilh@... Sent: Saturday, November 02, 2013 6:39 PM To: gmsk_dv_node@yahoogroups.com Subject: RE: RE: RE: [gmsk_dv_node] WinDV not connecting, DVAR Hotspot good Maybe spoke too soon.
Deselected ircDBB and worked from PC ... tried 30C mobile, fine ... disc from mobile, fine ... later tried 30C from mobile, failed ... tried 10C from mobile ... fine. Back on PC ... can't connect to 30C Log file excerpt: 1102131115 Start RF stream (7E87) mycall='K2ILH' urcall='REF030CL' rptr1='DIRECT' rptr2='DIRECT' flags=00 1102131115 RF command 'REF030CL' from K2ILH : TRYING REF030 C 1102131116 RF: we have command 2 queued for 1000 msec! 1102131116 End RF stream (7E87) 43 packets 1102131132 Trying 'REF030 C' using DPlus (K2ILH) mode 2 1102131132 Handled delayed command 2 (delay 1000) 1102131132 DPlus: Gateway 'REF030' not found! 1102131134 Disconnected from 'REF030 C' 1102131208 Start RF stream (390C) mycall='K2ILH' urcall='REF010CL' rptr1='DIRECT' rptr2='DIRECT' flags=00 1102131208 RF command 'REF010CL' from K2ILH : TRYING REF010 C 1102131208 RF: we have command 2 queued for 1000 msec! 1102131208 End RF stream (390C) 43 packets 1102131221 Trying 'REF010 C' using DPlus (K2ILH) mode 2 1102131221 Handled delayed command 2 (delay 1000) 1102131221 Connected to 'REF010 C' using DPlus 1102131358 Start RF stream (0F3E) mycall='K2ILH' urcall='CQCQCQ' rptr1='DIRECT' rptr2='DIRECT' flags=00 1102131359 End RF stream (0F3E) 43 packets ---In gmsk_dv_node@yahoogroups.com , < gmsk_dv_node@yahoogroups.com > wrote: Thanks guys, that seems to have fixed it. I don't recall details of when it stopped working. Looks like it was registered, with password, but I don't have it so I'll address that some other time. Working now Tnx agn. ---In gmsk_dv_node@yahoogroups.com , < gmsk_dv_node@yahoogroups.com > wrote: Karl, It seems to connect to DPlus reflector 30 just fine. However, it also tries to connect to IrcDDB, and that looks like its failing. You probably enabled IrcDDB, but have not registered your node's callsign with therm. Best thing is to disable IrcDDB until you
actually registered with them. Fred From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of k2ilh@... Sent: Friday, November 01, 2013 11:56 PM To: gmsk_dv_node@yahoogroups.com Subject: [gmsk_dv_node] WinDV not connecting, DVAR Hotspot good I had WinDV develop problems and switched to DVAR Hotspot which works perfectly. After a year I'd like to use WinDV again. Using V 1.5.3 and Win 7. Connects OK to some REF and fails on others (i.e. Ref10c=good, REF030c fails). Typically: 1101183341 Trying 'REF030 C' using DPlus (K2ILH) mode 2 1101183341 Connected to 'REF030 C' using DPlus 1101183353 Start GW stream (2ACD) mycall='AB4WS' urcall='CQCQCQ' rptr1='AB4WS' rptr2='REF030 C' flags=00 1101183353 End GW stream (2ACD) 12 packets 1101183356 IrcDDB: PING timeout (120 seconds) 1101183356 IrcDDB: Disconnected: Connection lost! 1101183356 G2DV: shutting down. I'm lost ...

>

10577. RE: RE: RE: RE: [gmsk_dv_node] WinDV not connecting, DVAR Hotspot good

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-02 20:58:00 UTC
From: Fred PA4YBR
Topic: 10568 Message: 10577

Bill,

After several tries connecting to various reflectors, could you please run a BugReport through Help>SendBug for me? This is a weird one...

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Bill PIke
Sent: Saturday, November 02, 2013 8:47 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: RE: RE: RE: [gmsk_dv_node] WinDV not connecting, DVAR Hotspot good

Didn't help, sorry
Log file :

```
1102154358 DV Node for Windows version 1.5.5
1102154358 Copyright 2010-2012 MicroWalt Corporation
1102154358
1102154358 System: Windows 7 SP1 Home Premium Edition (64bit)
1102154358
1102154358 Logging to
'C:\Users\BILLPI~1\AppData\Local\Temp\windv-20131102154358.log' at level 8
1102154358
1102154358 Repeater starting up..
1102154358
1102154358 Station: K2ILH L
1102154358 CServer: DUTCH*Star DPNS (dpns.dutch-star.eu)
1102154358
1102154358 NODE: version 'DUTCH*Star HSA V0.1.00F HSFIX' at ID 0300
1102154358 NODE: RSSI monitoring enabled.
1102154358 DPlus: initializing
1102154358 DExtra: initializing
1102154358 DCS: initializing
1102154358 APRS-IS: initializing
1102154358 APRS-IS: starting up (server 'newengland.aprs2.net')
1102154358 AuthRF: Access list loaded: 4 entries.
1102154358 AuthLINK: Access list loaded: 3 entries.
1102154358 DTMF: initializing.
1102154358 Repeater running!
1102154359 APRS-IS: connected to server.
1102154359 APRS-IS: operational.
```

1102154414 APRS-IS: Sent beacon to server.
1102154417 Trying 'REF030 C' using DPlus (K2ILH) mode 2
1102154418 DPlus: Gateway 'REF030' not found!
1102154419 Disconnected from 'REF030 C'
1102154419 NODE: operational.
1102154458 Trying 'REF010 C' using DPlus (K2ILH) mode 2
1102154459 Connected to 'REF010 C' using DPlus

Bill Pike

On 11/02/13, Fred PA4YBR<fred@...> wrote:

Update to the current version first... something in that log
doesn't look right, and if I remember correct, that was changed
in the next versions..

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of k2ilh@...
Sent: Saturday, November 02, 2013 6:39 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: RE: RE: [gmsk_dv_node] WinDV not connecting, DVAR Hotspot good

Maybe spoke too soon. Deselected ircDBB and worked from PC ... tried 30C
mobile, fine ... disc from mobile, fine ... later tried 30C from mobile,
failed ... tried 10C from mobile ... fine. Back on PC ... can't connect to
30C

Log file excerpt:

1102131115 Start RF stream (7E87) mycall='K2ILH' urcall='REF030CL'
rptr1='DIRECT' rptr2='DIRECT' flags=00
1102131115 RF command 'REF030CL' from K2ILH : TRYING REF030 C
1102131116 RF: we have command 2 queued for 1000 msec!
1102131116 End RF stream (7E87) 43 packets
1102131132 Trying 'REF030 C' using DPlus (K2ILH) mode 2
1102131132 Handled delayed command 2 (delay 1000)
1102131132 DPlus: Gateway 'REF030' not found!
1102131134 Disconnected from 'REF030 C'
1102131208 Start RF stream (390C) mycall='K2ILH' urcall='REF010CL'
rptr1='DIRECT' rptr2='DIRECT' flags=00
1102131208 RF command 'REF010CL' from K2ILH : TRYING REF010 C
1102131208 RF: we have command 2 queued for 1000 msec!
1102131208 End RF stream (390C) 43 packets
1102131221 Trying 'REF010 C' using DPlus (K2ILH) mode 2
1102131221 Handled delayed command 2 (delay 1000)
1102131221 Connected to 'REF010 C' using DPlus
1102131358 Start RF stream (0F3E) mycall='K2ILH' urcall='CQCQCQ'
rptr1='DIRECT' rptr2='DIRECT' flags=00

1102131359 End RF stream (0F3E) 43 packets

---In gmsk_dv_node@yahoogroups.com, <gmsk_dv_node@yahoogroups.com> wrote:

Thanks guys, that seems to have fixed it. I don't recall details of when it stopped working. Looks like it was registered, with password, but I don't have it so I'll address that some other time. Working now Tnx agn.

---In gmsk_dv_node@yahoogroups.com, <gmsk_dv_node@yahoogroups.com> wrote:

Karl,

It seems to connect to DPlus reflector 30 just fine. However, it also tries to connect to IrcDDB, and that looks like its failing. You probably enabled IrcDDB, but have not registered your node's callsign with therm.

Best thing is to disable IrcDDB until you actually registered with them.

Fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of k2ilh@...
Sent: Friday, November 01, 2013 11:56 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] WinDV not connecting, DVAR Hotspot good

I had WinDV develop problems and switched to DVAR Hotspot which works perfectly. After a year I'd like to use WinDV again. Using V 1.5.3 and Win 7. Connects OK to some REF and fails on others (i.e. Ref10c=good, REF030c fails).
Typically:
1101183341 Trying 'REF030 C' using DPlus (K2ILH) mode 2
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1101183353 Start GW stream (2ACD) mycall='AB4WS' urcall='CQCQCQ' rptr1='AB4WS' rptr2='REF030 C' flags=00
1101183353 End GW stream (2ACD) 12 packets
1101183356 IrcDDB: PING timeout (120 seconds)
1101183356 IrcDDB: Disconnected: Connection lost!
1101183356 G2DV: shutting down.

I'm lost ...

10578. Re: [gmsk_dv_node] WinDV not connecting, DVAR Hotspot good

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-02 20:57:55 UTC
From: Rudy Benner
Topic: 10568 Message: 10578

Try a different hosts server?

r

ve3bdr

From: Fred PA4YBR
Sent: Saturday, November 02, 2013 4:55 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: RE: RE: RE: [gmsk_dv_node] WinDV not connecting, DVAR Hotspot good

No, the reflectors are not in the hosts files (normally..)

His logs show that it cannot find REF030, which is strange... I just tested
on my laptop, and WinDV can find it just fine.

So.. yeah, this IS weird.

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of
David Webb
Sent: Saturday, November 02, 2013 9:41 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: RE: RE: RE: [gmsk_dv_node] WinDV not connecting, DVAR Hotspot good

Bill,

Try updating your Hosts files.

Dave-KB1PVH

On Sat, Nov 2, 2013 3:47 PM EDT Bill PIke wrote:

>
>
>Didn't help, sorry Log file : 1102154358 DV Node for Windows version 1.5.5 1102154358
Copyright 2010-2012 MicroWalt Corporation 1102154358 1102154358 System: Windows 7 SP1 Home
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'C:\Users\BILLPI~1\AppData\Local\Temp\windv-20131102154358.log' at level 8 1102154358
1102154358 Repeater starting up.. 1102154358 1102154358 Station: K2ILH L 1102154358
CServer: DUTCH*Star DPNS (dpns.dutch-star.eu) 1102154358 1102154358 NODE: version
'DUTCH*Star HSA V0.1.00F HSFIX' at ID 0300 1102154358 NODE: RSSI monitoring enabled.
1102154358 DPlus: initializing 1102154358 DExtra: initializing 1102154358 DCS:
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AuthLINK: Access list loaded: 3 entries. 1102154358 DTMF: initializing. 1102154358 Repeater running! 1102154359 APRS-IS: connected to server. 1102154359 APRS-IS: operational. 1102154414 APRS-IS: Sent beacon to server. 1102154417 Trying 'REF030 C' using DPlus (K2ILH) mode 2 1102154418 DPlus: Gateway 'REF030' not found! 1102154419 Disconnected from 'REF030 C' 1102154419 NODE: operational. 1102154458 Trying 'REF010 C' using DPlus (K2ILH) mode 2 1102154459 Connected to 'REF010 C' using DPlus Bill Pike On 11/02/13, Fred PA4YBR<fred@dutch-star.eu> wrote: Update to the current version first... something in that log doesn't look right, and if I remember correct, that was changed in the next versions.. --fred From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of k2ilh@... Sent: Saturday, November 02, 2013 6:39 PM To: gmsk_dv_node@yahoogroups.com Subject: RE: RE: RE: [gmsk_dv_node] WinDV not connecting, DVAR Hotspot good Maybe spoke too soon.
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>

10579. RE: [gmsk_dv_node] WinDV not connecting, DVAR Hotspot good

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-02 21:11:00 UTC
From: Fred PA4YBR
Topic: 10568 Message: 10579

Shouldn't matter (I used the same he did) but it would be interesting
to see if that changes anything....

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of Rudy Benner
Sent: Saturday, November 02, 2013 9:58 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] WinDV not connecting, DVAR Hotspot good

Try a different hosts server?

r

ve3bdr

From: Fred PA4YBR <mailto:fred@...>
Sent: Saturday, November 02, 2013 4:55 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: RE: RE: RE: [gmsk_dv_node] WinDV not connecting, DVAR Hotspot
good

No, the reflectors are not in the hosts files (normally..)

His logs show that it cannot find REF030, which is strange... I just tested
on my laptop, and WinDV can find it just fine.

So.. yeah, this IS weird.

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of David Webb
Sent: Saturday, November 02, 2013 9:41 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: RE: RE: RE: [gmsk_dv_node] WinDV not connecting, DVAR Hotspot
good

Bill,

Try updating your Hosts files.

Dave-KB1PVH

On Sat, Nov 2, 2013 3:47 PM EDT Bill PIke wrote:

>
>
>Didn't help, sorry Log file : 1102154358 DV Node for Windows version
1.5.5 1102154358 Copyright 2010-2012 MicroWalt Corporation 1102154358
1102154358 System: Windows 7 SP1 Home Premium Edition (64bit) 1102154358
1102154358 Logging to
'C:\Users\BILLPI~1\AppData\Local\Temp\windv-20131102154358.log' at level 8
1102154358 1102154358 Repeater starting up.. 1102154358 1102154358
Station: K2ILH L 1102154358 CServer: DUTCH*Star DPNS (dpns.dutch-star.eu)
1102154358 1102154358 NODE: version 'DUTCH*Star HSA V0.1.00F HSFIX' at ID
0300 1102154358 NODE: RSSI monitoring enabled. 1102154358 DPlus:
initializing 1102154358 DExtra: initializing 1102154358 DCS: initializing
1102154358 APRS-IS: initializing 1102154358 APRS-IS: starting up (server
'newengland.aprs2.net') 1102154358 AuthRF: Access list loaded: 4 entries.
1102154358 AuthLINK: Access list loaded: 3 entries. 1102154358 DTMF:
initializing. 1102154358
Repeater running! 1102154359 APRS-IS: connected to server. 1102154359
APRS-IS: operational. 1102154414 APRS-IS: Sent beacon to server. 1102154417
Trying 'REF030 C' using DPlus (K2ILH) mode 2 1102154418 DPlus: Gateway
'REF030' not found! 1102154419 Disconnected from 'REF030 C' 1102154419
NODE: operational. 1102154458 Trying 'REF010 C' using DPlus (K2ILH) mode 2
1102154459 Connected to 'REF010 C' using DPlus Bill Pike On 11/02/13,
Fred PA4YBR<fred@...> wrote: Update to the current version
first... something in that log doesn't look right, and if I remember
correct, that was changed in the next versions.. --fred From:
gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of k2ilh@... Sent: Saturday, November 02, 2013 6:39 PM To:
gmsk_dv_node@yahoogroups.com Subject: RE: RE: RE: [gmsk_dv_node] WinDV not
connecting, DVAR Hotspot good Maybe spoke too soon.
Deselected ircDBB and worked from PC ... tried 30C mobile, fine ... disc
from mobile, fine ... later tried 30C from mobile, failed ... tried 10C from
mobile ... fine. Back on PC ... can't connect to 30C Log file excerpt:
1102131115 Start RF stream (7E87) mycall='K2ILH' urcall='REF030CL'
rptr1='DIRECT' rptr2='DIRECT' flags=00 1102131115 RF command 'REF030CL'
from K2ILH : TRYING REF030 C 1102131116 RF: we have command 2 queued for
1000 msec! 1102131116 End RF stream (7E87) 43 packets 1102131132 Trying
'REF030 C' using DPlus (K2ILH) mode 2 1102131132 Handled delayed command 2
(delay 1000) 1102131132 DPlus: Gateway 'REF030' not found! 1102131134
Disconnected from 'REF030 C' 1102131208 Start RF stream (390C)
mycall='K2ILH' urcall='REF010CL' rptr1='DIRECT' rptr2='DIRECT' flags=00
1102131208 RF command 'REF010CL' from K2ILH : TRYING REF010 C 1102131208
RF: we have command 2 queued for 1000 msec! 1102131208 End RF stream (390C)
43 packets 1102131221 Trying 'REF010 C' using DPlus (K2ILH) mode 2
1102131221 Handled delayed command 2 (delay 1000) 1102131221 Connected to
'REF010 C' using DPlus 1102131358 Start RF stream (0F3E) mycall='K2ILH'
urcall='CQCQCQ' rptr1='DIRECT' rptr2='DIRECT' flags=00 1102131359 End RF
stream (0F3E) 43 packets ---In gmsk_dv_node@yahoogroups.com , <
gmsk_dv_node@yahoogroups.com > wrote: Thanks guys, that seems to have fixed

it. I don't recall details of when it stopped working. Looks like it was registered, with password, but I don't have it so I'll address that some other time. Working now Tnx agn. ---In gmsk_dv_node@yahoogroups.com , < gmsk_dv_node@yahoogroups.com > wrote: Karl, It seems to connect to DPlus reflector 30 just fine. However, it also tries to connect to IrcDDB, and that looks like its failing. You probably enabled IrcDDB, but have not registered your node's callsign with therm. Best thing is to disable IrcDDB until you
actually registered with them. Fred From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of k2ilh@... Sent: Friday, November 01, 2013 11:56 PM To: gmsk_dv_node@yahoogroups.com Subject: [gmsk_dv_node] WinDV not connecting, DVAR Hotspot good I had WinDV develop problems and switched to DVAR Hotspot which works perfectly. After a year I'd like to use WinDV again. Using V 1.5.3 and Win 7. Connects OK to some REF and fails on others (i.e. Ref10c=good, REF030c fails). Typically: 1101183341 Trying 'REF030 C' using DPlus (K2ILH) mode 2 1101183341 Connected to 'REF030 C' using DPlus 1101183353 Start GW stream (2ACD) mycall='AB4WS' urcall='CQCQCQ' rptr1='AB4WS' rptr2='REF030 C' flags=00 1101183353 End GW stream (2ACD) 12 packets 1101183356 IrcDDB: PING timeout (120 seconds) 1101183356 IrcDDB: Disconnected: Connection lost! 1101183356 G2DV: shutting down. I'm lost ...
>

10580. Re: RE: RE: RE: RE: [gmsk_dv_node] WinDV not connecting, DVAR Hotspot good

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-02 21:40:59 UTC
From: Bill Plke
Topic: 10568 Message: 10580

Fred,
"bug report"? You mean the "Report a problem" under "help"? Ok did that.
The messages file is empty. I tried several reflectors, of those it connects only to REF010C .
Keeping in mind that
???? 1. DVAR Hotspot connects to all of them.
???? 2.? WinDV did connect to REF30C by QT button and by RF when first used this morning.
??;?? 3. The APRS works , connected or not.
???? 4. This started about a year ago, I just stopped trying at that time.

If you need the log file from the above test here it is:

```
1102171747? DV Node for Windows version 1.5.5
1102171747 Copyright 2010-2012? MicroWalt Corporation
1102171747?
1102171747? System: Windows 7 SP1 Home Premium Edition (64bit)
1102171747?
1102171747? Logging to 'C:\Users\BILLPI~1\AppData\Local\Temp\windv-20131102171747.log' at level 8
1102171747?
1102171747? Repeater starting up..
1102171747?
1102171747? Station: K2ILH? L
1102171747? CServer: DUTCH*Star DPNS (dpns.dutch-star.eu)
1102171747?
1102171748 NODE: version 'DUTCH*Star HSA V0.1.00F HSFIX' at ID 0300
1102171748? NODE: RSSI monitoring enabled.
1102171748? DPlus: initializing
1102171748? DExtra: initializing
1102171748? DCS: initializing
1102171748? APRS-IS: initializing
1102171748 APRS-IS: starting up (server 'newengland.aprs2.net')
1102171748 AuthRF: Access list loaded: 4 entries.
1102171748? AuthLINK: Access list loaded: 3 entries.
1102171748? DTMF: initializing.
1102171748? Repeater running!
1102171748? APRS-IS: connected to server.
1102171748? APRS-IS: operational.
1102171804 APRS-IS: Sent beacon to server.
1102171823? Trying 'REF030 C' using DPlus (K2ILH) mode 2
1102171824? DPlus: Gateway 'REF030' not found!
1102171825? Disconnected from 'REF030 C'
1102171825? NODE: operational.
1102171832? Trying 'REF010 C' using DPlus (K2ILH) mode 2
```

1102171832? Connected to 'REF010 C' using DPlus
1102171839? Start GW stream (B322) mycall='KA1IFQ' urcall='CQCQCQ' rptr1='REF010 C'
rptr2='W1IXU? G' flags=00
1102171840? APRS-IS: GPS GGA frame from 'KA1IFQ' failed checksum !
1102171841? APRS-IS: GPS RMC frame from 'KA1IFQ' failed checksum !
1102171841? APRS-IS: GPS GGA frame from 'KA1IFQ' failed checksum !
1102171842? APRS-IS: GPS RMC frame from 'KA1IFQ': format error (asterisk not found)
1102171847? GW stream timed out (B322) 397 packets
1102171847? DPlus: REF010 C: Stream B322 not found
1102171848? Disconnected from 'REF010 C'
1102171852? Trying 'REF038 C' using DPlus (K2ILH) mode 2
1102171852? DPlus: Gateway 'REF038' not found!
1102171854? Disconnected from 'REF038 C'
1102171902? Trying 'REF037A' using DPlus (K2ILH) mode 2
1102171902?; DPlus: Gateway 'REF037A' not found!
1102171903? Disconnected from 'REF037A'
1102171911? Trying 'REF026 A' using DPlus (K2ILH) mode 2
1102171911? DPlus: Gateway 'REF026' not found!
1102171912? Disconnected from 'REF026 A'
1102171920? Trying 'REF010 C' using DPlus (K2ILH) mode 2
1102171920? Connected to 'REF010 C' using DPlus
1102171937? Disconnected from 'REF010 C'

?
?
?
Bill Pike
?
On 11/02/13, Fred PA4YBR wrote:
?
?

Bill,
?
After several tries connecting to various reflectors, could you please
run a BugReport through Help>SendBug for me?? This is a weird one...
?
--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Bill
PIke
Sent: Saturday, November 02, 2013 8:47 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: RE: RE: RE: [gmsk_dv_node] WinDV not connecting, DVAR Hotspot good

?
Didn't help, sorry
Log file :
?1102154358? DV Node for Windows version 1.5.5
1102154358? Copyright 2010-2012? MicroWalt Corporation
1102154358 ?

1102154358? System: Windows 7 SP1 Home Premium Edition (64bit)
1102154358 ?
1102154358? Logging to 'C:\Users\BILLPI~1\AppData\Local\Temp\windv-20131102154358.log' at level 8
1102154358 ?
1102154358? Repeater starting up..
1102154358 ?
1102154358? Station: K2ILH L
1102154358? CServer: DUTCH*Star DPNS (dpns.dutch-star.eu)
1102154358 ?
1102154358? NODE: version 'DUTCH*Star HSA V0.1.00F HSFIX' at ID 0300
1102154358? NODE: RSSI monitoring enabled.
1102154358? DPlus: initializing
1102154358? DExtra: initializing
1102154358? DCS: initializing
1102154358? APRS-IS: initializing
1102154358? APRS-IS: starting up (server 'newengland.aprs2.net')
1102154358? AuthRF: Access list loaded: 4 entries.
1102154358? AuthLINK: Access list loaded: 3 entries.
1102154358? DTMF: initializing.
1102154358? Repeater running!
1102154359? APRS-IS: connected to server.
1102154359?; APRS-IS: operational.
1102154414? APRS-IS: Sent beacon to server.
1102154417? Trying 'REF030 C' using DPlus (K2ILH) mode 2
1102154418? DPlus: Gateway 'REF030' not found!
1102154419? Disconnected from 'REF030 C'
1102154419? NODE: operational.
1102154458? Trying 'REF010 C' using DPlus (K2ILH) mode 2
1102154459? Connected to 'REF010 C' using DPlus

?
?
Bill Pike
?
On 11/02/13, Fred PA4YBR wrote:
?
?
Update to the current version first... something in that log
doesn't look right, and if I remember correct, that was changed
in the next versions..
?
--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of k2ilh@...
Sent: Saturday, November 02, 2013 6:39 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: RE: RE: [gmsk_dv_node] WinDV not connecting, DVAR Hotspot good

?
Maybe spoke too soon. Deselected ircDBB and worked from PC ... tried 30C mobile, fine ... disc from mobile, fine ... later tried 30C from mobile, failed ... tried 10C from mobile ... fine. Back on PC ... can't connect to 30C
Log file excerpt:
1102131115? Start RF stream (7E87) mycall='K2ILH' urcall='REF030CL' rptr1='DIRECT' rptr2='DIRECT' flags=00
1102131115? RF command 'REF030CL' from K2ILH?? : TRYING REF030 C
1102131116? RF: we have command 2 queued for 1000 msec!
1102131116? End RF stream (7E87) 43 packets
1102131132? Trying 'REF030 C' using DPlus (K2ILH) mode 2
1102131132? Handled delayed command 2 (delay 1000)
1102131132? DPlus: Gateway 'REF030' not found!
1102131134? Disconnected from 'REF030 C'
1102131208 Start RF stream (390C) mycall='K2ILH' urcall='REF010CL' rptr1='DIRECT' rptr2='DIRECT' flags=00
1102131208? RF command 'REF010CL' from K2ILH?? : TRYING REF010 C
1102131208? RF: we have command 2 queued for 1000 msec!
1102131208? End RF stream (390C) 43 packets
1102131221? Trying 'REF010 C' using DPlus (K2ILH) mode 2
1102131221? Handled delayed command 2 (delay 1000)
1102131221? Connected to 'REF010 C' using DPlus
1102131358? Start RF stream (0F3E) mycall='K2ILH' urcall='CQCQCQ' rptr1='DIRECT' rptr2='DIRECT' flags=00
1102131359? End RF stream (0F3E) 43 packets

---In gmsk_dv_node@yahoogroups.com, <gmsk_dv_node@yahoogroups.com> wrote:

Thanks guys, that seems to have fixed it. I don't recall details of when it stopped working. Looks like it was registered, with password, but I don't have it so I'll address that some other time. Working now Tnx agn.

---In gmsk_dv_node@yahoogroups.com, <gmsk_dv_node@yahoogroups.com> wrote:

Karl,
?
It seems to connect to DPlus reflector 30 just fine.? However, it also tries
to connect to IrcDDB, and that looks like its failing.? You probably enabled
IrcDDB, but have not registered your node's callsign with therm.
?
Best thing is to disable IrcDDB until you actually registered with them.
?
Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of k2ilh@...
Sent: Friday, November 01, 2013 11:56 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] WinDV not connecting, DVAR Hotspot good

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I had WinDV develop problems and switched to DVAR Hotspot which works perfectly. After a year I'd like to use WinDV again. Using V 1.5.3 and Win 7. Connects OK to some REF and

fails on others (i.e. Ref10c=good, REF030c fails).
Typically:
1101183341? Trying 'REF030 C' using DPlus (K2ILH) mode 2
1101183341? Connected to 'REF030 C' using DPlus
1101183353 Start GW stream (2ACD) mycall='AB4WS' urcall='CQCQCQ' rptr1='AB4WS'
rptr2='REF030 C' flags=00
1101183353? End GW stream (2ACD) 12 packets
1101183356? IrcDDB: PING timeout (120 seconds)
1101183356? IrcDDB: Disconnected: Connection lost!
1101183356? G2DV: shutting down.

I'm lost ...

10581. RE: [gmsk_dv_node] nqsmhs and Raspberry pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-03 18:55:01 UTC
From: J. M. Moen
Topic: 10571 Message: 10581

It’s possible your system doesn’t have the GMKS Modem driver installed. Get the latest version of NATools from http://www.dutch-star.eu/software/ and do a COMPLETE install. There are some tricks required for Win7 and Win8 systems. See our FAQ at http://www.gmskdvnode.info/ Questions 11 and 12.

G4KLX wants a later version of the DUTCH*Star firmware. I suggest you contact DUTCH*Star at fred@... – give Fred your callsign and firmware license number, and ask for the Beta version of your firmware. Then use NAWinCFG and go to Tools>Update Firmware. It will say “Node Adapter not detected”. Ignore that and load the Beta firmware.

Was the NQSMHS working with other programs? If you have problems loading the Beta firmware, it’s possible the bootloader is not working. Hopefully that’s not the case, but if it is, you’ll need a PICkit programmer to reload the bootloader, then you can load the Beta firmware. If you need help with the bootloader, email me directly and I’ll work with you on that.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of rrockjohn@...
Sent: Saturday, November 02, 2013 6:44 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] nqsmhs and Raspberry pi
Using ircddb and gmsk repeater img from G4KLX. doesn't seem to recognize the mini hotspot. Suggestions???

10582. RE: RE: [gmsk_dv_node] nqsmhs and Raspberry pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-06 20:19:28 UTC
From: <rrockjohn@...>
Topic: 10571 Message: 10582

Thanks Jim. I have e-mailed fred but no reply as of yet. I have the nqsmhs working currently on windows. Hopefully the beta firmware will do the trick.

John KB8RXC

---In gmsk_dv_node@yahoogroups.com, <jim@...> wrote:

RE: [gmsk_dv_node] nqsmhs and Raspberry pi It’s possible your system doesn’t have the GMKS Modem driver installed. Get the latest version of NATools from http://www.dutch-star.eu/software/ http://www.dutch-star.eu/software/ and do a COMPLETE install. There are some tricks required for Win7 and Win8 systems. See our FAQ at http://www.gmskdvnode.info/ http://www.gmskdvnode.info/ Questions 11 and 12.

G4KLX wants a later version of the DUTCH*Star firmware. I suggest you contact DUTCH*Star at fred@... mailto:fred@... – give Fred your callsign and firmware license number, and ask for the Beta version of your firmware. Then use NAWinCFG and go to Tools>Update Firmware. It will say “Node Adapter not detected”. Ignore that and load the Beta firmware.
Was the NQSMHS working with other programs? If you have problems loading the Beta firmware, it’s possible the bootloader is not working. Hopefully that’s not the case, but if it is, you’ll need a PICkit programmer to reload the bootloader, then you can load the Beta firmware. If you need help with the bootloader, email me directly and I’ll work with you on that.
Jim – K6JM
From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of rrockjohn@...
Sent: Saturday, November 02, 2013 6:44 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] nqsmhs and Raspberry pi
Using ircddb and gmsk repeater img from G4KLX. doesn't seem to recognize the mini hotspot. Suggestions???

10583. RE: RE: [gmsk_dv_node] nqsmhs and Raspberry pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-07 03:15:08 UTC
From: J. M. Moen
Topic: 10571 Message: 10583

John,

I notice in your original post, you said the G4KLX programs don’t recognize the NQSMHS board. Are you running G4KLX on Windows, x386 Linux or ARM-Linux? Since the Modem works on Windows, obviously the board and firmware are working. Normally, G4KLX will then have no trouble recognizing the board, but it will not like the firmware version, print a message in the log saying a later version is needed, and stop.

But if it can’t find the board at all, then something else may be the problem.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of rrockjohn@...
Sent: Wednesday, November 06, 2013 12:19 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: RE: [gmsk_dv_node] nqsmhs and Raspberry pi
Thanks Jim. I have e-mailed fred but no reply as of yet. I have the nqsmhs working currently on windows. Hopefully the beta firmware will do the trick.
John KB8RXC

---In gmsk_dv_node@yahoogroups.com, <jim@...> wrote:
It’s possible your system doesn’t have the GMKS Modem driver installed. Get the latest version of NATools from http://www.dutch-star.eu/software/ and do a COMPLETE install. There are some tricks required for Win7 and Win8 systems. See our FAQ at http://www.gmskdvnode.info/ Questions 11 and 12.
G4KLX wants a later version of the DUTCH*Star firmware. I suggest you contact DUTCH*Star at fred@... – give Fred your callsign and firmware license number, and ask for the Beta version of your firmware. Then use NAWinCFG and go to Tools>Update Firmware. It will say “Node Adapter not detected”. Ignore that and load the Beta firmware.
Was the NQSMHS working with other programs? If you have problems loading the Beta firmware, it’s possible the bootloader is not working. Hopefully that’s not the case, but if it is, you’ll need a PICkit programmer to reload the bootloader, then you can load the Beta firmware. If you need help with the bootloader, email me directly and I’ll work with you on that.
Jim – K6JM
From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of rrockjohn@...
Sent: Saturday, November 02, 2013 6:44 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] nqsmhs and Raspberry pi
Using ircddb and gmsk repeater img from G4KLX. doesn't seem to recognize the mini hotspot. Suggestions???

10584. RE: RE: [gmsk_dv_node] nqsmhs and Raspberry pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-07 12:49:15 UTC
From: Fred PA4YBR
Topic: 10571 Message: 10584

John,

I replied to you twice, no go? Once using my normal address, and once using my Yahoo account just in case...

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of J. M. Moen
Sent: Thursday, November 07, 2013 4:15 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: RE: [gmsk_dv_node] nqsmhs and Raspberry pi

John,

I notice in your original post, you said the G4KLX programs don't recognize the NQSMHS board. Are you running G4KLX on Windows, x386 Linux or ARM-Linux? Since the Modem works on Windows, obviously the board and firmware are working. Normally, G4KLX will then have no trouble recognizing the board, but it will not like the firmware version, print a message in the log saying a later version is needed, and stop.

But if it can't find the board at all, then something else may be the problem.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of rrockjohn@...
Sent: Wednesday, November 06, 2013 12:19 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: RE: [gmsk_dv_node] nqsmhs and Raspberry pi

Thanks Jim. I have e-mailed fred but no reply as of yet. I have the nqsmhs working currently on windows. Hopefully the beta firmware will do the trick.

John KB8RXC

---In <mailto:gmsk_dv_node@yahoogroups.com> gmsk_dv_node@yahoogroups.com, <<mailto:jim@...> jim@...> wrote:

It's possible your system doesn't have the GMKS Modem driver installed. Get the latest version of NATools from <http://www.dutch-star.eu/software/> http://www.dutch-star.eu/software/ and do a COMPLETE install. There are some tricks required for Win7 and Win8 systems. See our FAQ at <http://www.gmskdvnode.info/> http://www.gmskdvnode.info/ Questions 11 and

12.

G4KLX wants a later version of the DUTCH*Star firmware. I suggest you contact DUTCH*Star at <mailto:fred@...> fred@... - give Fred your callsign and firmware license number, and ask for the Beta version of your firmware. Then use NAWinCFG and go to Tools>Update Firmware. It will say "Node Adapter not detected". Ignore that and load the Beta firmware.

Was the NQSMHS working with other programs? If you have problems loading the Beta firmware, it's possible the bootloader is not working. Hopefully that's not the case, but if it is, you'll need a PICkit programmer to reload the bootloader, then you can load the Beta firmware. If you need help with the bootloader, email me directly and I'll work with you on that.

Jim - K6JM

From: <mailto:gmsk_dv_node@yahoogroups.com> gmsk_dv_node@yahoogroups.com [<mailto:gmsk_dv_node@yahoogroups.com> mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of rrockjohn@...
Sent: Saturday, November 02, 2013 6:44 AM
To: <mailto:gmsk_dv_node@yahoogroups.com> gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] nqsmhs and Raspberry pi

Using ircddb and gmsk repeater img from G4KLX. doesn't seem to recognize the mini hotspot. Suggestions???

10585. RE: RE: RE: [gmsk_dv_node] nqsmhs and Raspberry pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-07 15:40:22 UTC
From: <rrockjohn@...>
Topic: 10571 Message: 10585

I just emailed you again hopefully that comes through.

---In gmsk_dv_node@yahoogroups.com, <fred@...> wrote:

John,

I replied to you twice, no go? Once using my normal address, and once
using my Yahoo account just in case...

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of J. M. Moen
Sent: Thursday, November 07, 2013 4:15 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: RE: [gmsk_dv_node] nqsmhs and Raspberry pi

John,
I notice in your original post, you said the G4KLX programs don’t recognize the NQSMHS board. Are you running G4KLX on Windows, x386 Linux or ARM-Linux? Since the Modem works on Windows, obviously the board and firmware are working. Normally, G4KLX will then have no trouble recognizing the board, but it will not like the firmware version, print a message in the log saying a later version is needed, and stop.
But if it can’t find the board at all, then something else may be the problem.
Jim – K6JM
From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of rrockjohn@...
Sent: Wednesday, November 06, 2013 12:19 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: RE: [gmsk_dv_node] nqsmhs and Raspberry pi
Thanks Jim. I have e-mailed fred but no reply as of yet. I have the nqsmhs working currently on windows. Hopefully the beta firmware will do the trick.
John KB8RXC

---In gmsk_dv_node@yahoogroups.com mailto:gmsk_dv_node@yahoogroups.com, <jim@... mailto:jim@...> wrote:
It’s possible your system doesn’t have the GMKS Modem driver installed. Get the latest version of NATools from http://www.dutch-star.eu/software/ http://www.dutch-star.eu/software/ and do a COMPLETE install. There are some tricks required for Win7 and Win8 systems. See our FAQ at http://www.gmskdvnode.info/ http://www.gmskdvnode.info/ Questions 11 and 12.
G4KLX wants a later version of the DUTCH*Star firmware. I suggest you contact DUTCH*Star at fred@... mailto:fred@... – give Fred your callsign and firmware license number, and ask for the Beta version of your firmware. Then use NAWinCFG and go to Tools>Update Firmware. It will say “Node Adapter not detected”. Ignore that and load the Beta firmware.
Was the NQSMHS working with other programs? If you have problems loading the Beta firmware, it’s possible the bootloader is not working. Hopefully that’s not the case, but if it is,

you’ll need a PICkit programmer to reload the bootloader, then you can load the Beta firmware. If you need help with the bootloader, email me directly and I’ll work with you on that.
Jim – K6JM
From: gmsk_dv_node@yahoogroups.com mailto:gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of rrockjohn@...
Sent: Saturday, November 02, 2013 6:44 AM
To: gmsk_dv_node@yahoogroups.com mailto:gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] nqsmhs and Raspberry pi
Using ircddb and gmsk repeater img from G4KLX. doesn't seem to recognize the mini hotspot. Suggestions???

10586. RE: RE: RE: [gmsk_dv_node] nqsmhs and Raspberry pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-07 15:44:52 UTC
From: Fred PA4YBR
Topic: 10571 Message: 10586

And I already replied .... :P

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of rrockjohn@...
Sent: Thursday, November 07, 2013 4:40 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: RE: RE: [gmsk_dv_node] nqsmhs and Raspberry pi

I just emailed you again hopefully that comes through.

---In gmsk_dv_node@yahoogroups.com, <fred@...> wrote:

John,

I replied to you twice, no go? Once using my normal address, and once using my Yahoo account just in case...

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of J. M. Moen
Sent: Thursday, November 07, 2013 4:15 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: RE: [gmsk_dv_node] nqsmhs and Raspberry pi

John,

I notice in your original post, you said the G4KLX programs don't recognize the NQSMHS board. Are you running G4KLX on Windows, x386 Linux or ARM-Linux? Since the Modem works on Windows, obviously the board and firmware are working. Normally, G4KLX will then have no trouble recognizing the board, but it will not like the firmware version, print a message in the log saying a later version is needed, and stop.

But if it can't find the board at all, then something else may be the problem.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of rrockjohn@...
Sent: Wednesday, November 06, 2013 12:19 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: RE: [gmsk_dv_node] nqsmhs and Raspberry pi

Thanks Jim. I have e-mailed fred but no reply as of yet. I have the nqsmhs working currently on windows. Hopefully the beta firmware will do the trick.

John KB8RXC

---In <mailto:gmsk_dv_node@yahoogroups.com> gmsk_dv_node@yahoogroups.com, <
<mailto:jim@...> jim@...> wrote:

It's possible your system doesn't have the GMKS Modem driver installed. Get the latest version of NATools from <http://www.dutch-star.eu/software/> http://www.dutch-star.eu/software/ and do a COMPLETE install. There are some tricks required for Win7 and Win8 systems. See our FAQ at <http://www.gmskdvnode.info/> http://www.gmskdvnode.info/ Questions 11 and 12.

G4KLX wants a later version of the DUTCH*Star firmware. I suggest you contact DUTCH*Star at <mailto:fred@...> fred@... - give Fred your callsign and firmware license number, and ask for the Beta version of your firmware. Then use NAWinCFG and go to Tools>Update Firmware. It will say "Node Adapter not detected". Ignore that and load the Beta firmware.

Was the NQSMHS working with other programs? If you have problems loading the Beta firmware, it's possible the bootloader is not working. Hopefully that's not the case, but if it is, you'll need a PICkit programmer to reload the bootloader, then you can load the Beta firmware. If you need help with the bootloader, email me directly and I'll work with you on that.

Jim - K6JM

From: <mailto:gmsk_dv_node@yahoogroups.com> gmsk_dv_node@yahoogroups.com [
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On Behalf Of rrockjohn@...
Sent: Saturday, November 02, 2013 6:44 AM
To: <mailto:gmsk_dv_node@yahoogroups.com> gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] nqsmhs and Raspberry pi

Using ircddb and gmsk repeater img from G4KLX. doesn't seem to recognize the mini hotspot. Suggestions???

10587. RE: RE: RE: [gmsk_dv_node] nqsmhs and Raspberry pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-07 17:00:34 UTC
From: <rrockjohn@...>
Topic: 10571 Message: 10587

Currently running on Windows XP with Dvar Hotspot. Works good. Just trying to switch to raspberry pi.

---In gmsk_dv_node@yahoogroups.com, <jim@...> wrote:

RE: RE: [gmsk_dv_node] nqsmhs and Raspberry pi John,
I notice in your original post, you said the G4KLX programs don’t recognize the NQSMHS board. Are you running G4KLX on Windows, x386 Linux or ARM-Linux? Since the Modem works on Windows, obviously the board and firmware are working. Normally, G4KLX will then have no trouble recognizing the board, but it will not like the firmware version, print a message in the log saying a later version is needed, and stop.
But if it can’t find the board at all, then something else may be the problem.
Jim – K6JM
From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of rrockjohn@...
Sent: Wednesday, November 06, 2013 12:19 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: RE: [gmsk_dv_node] nqsmhs and Raspberry pi
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It’s possible your system doesn’t have the GMKS Modem driver installed. Get the latest version of NATools from http://www.dutch-star.eu/software/ http://www.dutch-star.eu/software/ and do a COMPLETE install. There are some tricks required for Win7 and Win8 systems. See our FAQ at http://www.gmskdvnode.info/ http://www.gmskdvnode.info/ Questions 11 and 12.
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Jim – K6JM
From: gmsk_dv_node@yahoogroups.com mailto:gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of rrockjohn@...
Sent: Saturday, November 02, 2013 6:44 AM
To: gmsk_dv_node@yahoogroups.com mailto:gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] nqsmhs and Raspberry pi
Using ircddb and gmsk repeater img from G4KLX. doesn't seem to recognize the mini hotspot.

Suggestions???

10588. RE: RE: RE: [gmsk_dv_node] nqsmhs and Raspberry pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-08 03:07:57 UTC
From: J. M. Moen
Topic: 10571 Message: 10588

So when you get and install the Beta firmware, hopefully the programs will “see” the board. If not, you’ll want to turn logging on in the GMSKRepeater program, start it up and see what the log says about the GMSK Modem.

Can’t remember – are you using the Pi image published by Brian, GW6WTK at http://westerndstar.co.uk/html/downloads.html ? Specifically the one called “GMSK+ircDDB+VNC”?

If so, have you run the update scripts to get the latest version of the G4KLX software? Just log onto the Pi and run

klxupdate repeater (run it twice the first time)
klxupdate gateway (twice the first time)

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of rrockjohn@...
Sent: Thursday, November 07, 2013 9:01 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: RE: RE: [gmsk_dv_node] nqsmhs and Raspberry pi
Currently running on Windows XP with Dvar Hotspot. Works good. Just trying to switch to raspberry pi.
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I notice in your original post, you said the G4KLX programs don’t recognize the NQSMHS board. Are you running G4KLX on Windows, x386 Linux or ARM-Linux? Since the Modem works on Windows, obviously the board and firmware are working. Normally, G4KLX will then have no trouble recognizing the board, but it will not like the firmware version, print a message in the log saying a later version is needed, and stop.
But if it can’t find the board at all, then something else may be the problem.
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Sent: Wednesday, November 06, 2013 12:19 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: RE: [gmsk_dv_node] nqsmhs and Raspberry pi
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It’s possible your system doesn’t have the GMKS Modem driver installed. Get the latest version of NATools from http://www.dutch-star.eu/software/ and do a COMPLETE install. There are some tricks required for Win7 and Win8 systems. See our FAQ at http://www.gmskdvnode.info/ Questions 11 and 12.

G4KLX wants a later version of the DUTCH*Star firmware. I suggest you contact DUTCH*Star at fred@... – give Fred your callsign and firmware license number, and ask for the Beta version of your firmware. Then use NAWinCFG and go to Tools>Update Firmware. It will say “Node Adapter not detected”. Ignore that and load the Beta firmware.
Was the NQSMHS working with other programs? If you have problems loading the Beta firmware, it’s possible the bootloader is not working. Hopefully that’s not the case, but if it is, you’ll need a PICkit programmer to reload the bootloader, then you can load the Beta firmware. If you need help with the bootloader, email me directly and I’ll work with you on that.
Jim – K6JM
From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of rrockjohn@...
Sent: Saturday, November 02, 2013 6:44 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] nqsmhs and Raspberry pi
Using ircddb and gmsk repeater img from G4KLX. doesn't seem to recognize the mini hotspot. Suggestions???

10589. D-STAR HF QSO FINDER

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-08 07:28:27 UTC
From: John D. Hays
Topic: 10589 Message: 10589

Want to find a D-STAR QSO on HF -- try out http://hf.dstar-relay.net

---
John D. Hays
K7VE
PO Box 1223, Edmonds, WA 98020-1223
<http://k7ve.org/blog> <http://twitter.com/#!/john_hays>
<http://www.facebook.com/john.d.hays>

10590. Re: [gmsk_dv_node] D-STAR HF QSO FINDER

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-08 20:42:41 UTC
From: Tony Langdon
Topic: 10589 Message: 10590

On 8/11/13 6:28 PM, John D. Hays wrote:
>
>
> Want to find a D-STAR QSO on HF -- try out http://hf.dstar-relay.net
Hmm, is it possible to have one "digital voice QSO finder", and on that have filters and/or sorting to select individual modes (i.e. FreeDV, D-STAR, etc)? Some of us are able to switch modes, and each incarnation of an individual web based service takes another device and a slice of attention to monitor.

--
73 de Tony VK3JED/VK3IRL
http://vkradio.com

10591. Re: [gmsk_dv_node] D-STAR HF QSO FINDER

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-08 21:07:37 UTC
From: Dennis Rogers
Topic: 10589 Message: 10591

Hey Tony thanks. I am not ready yet but plan on HF Dstar soon.
Need more equipment. I have a TS-2000X rig on ALL bands.
I want a DV Adapter then ready to rock n roll.

Dennis

On Fri, Nov 8, 2013 at 2:42 PM, Tony Langdon <vk3jed@...> wrote:

>
>
> On 8/11/13 6:28 PM, John D. Hays wrote:
>
> Want to find a D-STAR QSO on HF -- try out http://hf.dstar-relay.net
>
> Hmm, is it possible to have one "digital voice QSO finder", and on that
> have filters and/or sorting to select individual modes (i.e. FreeDV,
> D-STAR, etc)? Some of us are able to switch modes, and each incarnation of
> an individual web based service takes another device and a slice of
> attention to monitor.
>
> --
> 73 de Tony VK3JED/VK3IRLhttp://vkradio.com
>
>
>

--

Dennis, N5VRPn5vrp.satx@... <n5vrp.satx@...>

10592. Adapting a KW TS-2000 for D-Star

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-08 23:32:48 UTC
From: J. M. Moen
Topic: 10592 Message: 10592

You probably know this, but for others with a similar interest -- if you already have a DV Dongle, you can use that with either G4KLX's DStarClient program and a soundcard, or G4KLX's GMSKClient and a GMSK Modem. Those programs are found on the D-Star Development Yahoo Group website (More > Files > Beta). Download the Digital Voice package (the exe will install to Windows, while the zip file contains the source that can be compiled for Linux).

Documentation on making up the cable between a GMSK Modem and the TS-2000 is available in the Radio Files folder of this group's website (More > Files > Radio Files > Kenwood TS-2000.txt). Basically, you use the 13 pin ACC2 connector on the back of the radio.

If using a GMSK Modem, keep in mind the TS-2000 has different TX and RX Inversion requirements for different bands. That means, when you switch bands, you may need to go into your modem's Config program and switch the Invert settings. Still, it's an easy way to adapt the TS-2000 to D-Star compatible operation, including D-Star on HF.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Dennis Rogers
Sent: Friday, November 08, 2013 1:08 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] D-STAR HF QSO FINDER

Hey Tony thanks. I am not ready yet but plan on HF Dstar soon.
Need more equipment. I have a TS-2000X rig on ALL bands.
I want a DV Adapter then ready to rock n roll.
Dennis

On Fri, Nov 8, 2013 at 2:42 PM, Tony Langdon <vk3jed@...> wrote:

On 8/11/13 6:28 PM, John D. Hays wrote:
Want to find a D-STAR QSO on HF -- try out http://hf.dstar-relay.net

Hmm, is it possible to have one "digital voice QSO finder", and on that have filters and/or sorting to select individual modes (i.e. FreeDV, D-STAR, etc)? Some of us are able to switch modes, and each incarnation of an individual web based service takes another device and a slice of attention to monitor.

--
73 de Tony VK3JED/VK3IRL
http://vkradio.com

10593. RE: D-STAR HF QSO FINDER

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-09 21:02:10 UTC
From: <john@...>
Topic: 10589 Message: 10593

There are two sites and you can bring each up in its own browser window.

http://qso.hays.org -- Codec2
http://hf.dstar-relay.net -- D-STAR

They run on the same physical box, but I am not currently interested in merging them. (They are essentially the same code, with facelifts.)

---In gmsk_dv_node@yahoogroups.com, <vk3jed@...> wrote:

On 8/11/13 6:28 PM, John D. Hays wrote:

Want to find a D-STAR QSO on HF -- try out http://hf.dstar-relay.net
http://hf.dstar-relay.net

Hmm, is it possible to have one "digital voice QSO finder", and on that have filters and/or sorting to select individual modes (i.e. FreeDV, D-STAR, etc)? Some of us are able to switch modes, and each incarnation of an individual web based service takes another device and a slice of attention to monitor.

--
73 de Tony VK3JED/VK3IRL
http://vkradio.com http://vkradio.com

10594. Re: [gmsk_dv_node] RE: D-STAR HF QSO FINDER

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-10 23:33:03 UTC
From: Tony Langdon
Topic: 10589 Message: 10594

On 10/11/13 8:02 AM, john@... wrote:
>
>
> There are two sites and you can bring each up in its own browser window.
>
And that's precisely the issue, requiring separate browser windows. For convenience and technical reasons I use a tablet most of the time I'm on the QSO finder, and switching between them on a tablet is not as easy (bigger issue is being able to see both at the same time).

--
73 de Tony VK3JED/VK3IRL
http://vkradio.com

10595. RE: D-STAR HF QSO FINDER

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-12 01:38:35 UTC
From: <john@...>
Topic: 10589 Message: 10595

I test and use on an Android tablet (and an iPhone) -- I use tabbed browsers to easily navigate between the two pages.

---In gmsk_dv_node@yahoogroups.com, <vk3jed@...> wrote:

On 10/11/13 8:02 AM, john@... mailto:john@... wrote:

There are two sites and you can bring each up in its own browser window.
And that's precisely the issue, requiring separate browser windows. For convenience and technical reasons I use a tablet most of the time I'm on the QSO finder, and switching between them on a tablet is not as easy (bigger issue is being able to see both at the same time).

--
73 de Tony VK3JED/VK3IRL
http://vkradio.com http://vkradio.com

10596. Windows 8.1 Drivers

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-13 00:18:27 UTC
From: <tdko@...>
Topic: 10596 Message: 10596

I cannot find the Windows 8 (64 bit) drivers for the DUTCH DVAR HOT SPOT. Can anyone help me locate them. 73's

10597. Re: [gmsk_dv_node] Windows 8.1 Drivers

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-13 02:07:15 UTC
From: Donald Jacob
Topic: 10596 Message: 10597

Did you ask Dutch Star?
info@...

WB5EKU

On Tue, Nov 12, 2013 at 4:18 PM, <tdko@...> wrote:

>
>
> I cannot find the Windows 8 (64 bit) drivers for the DUTCH DVAR HOT SPOT.
> Can anyone help me locate them. 73's
>
>

10598. RE: [gmsk_dv_node] Windows 8.1 Drivers

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-13 03:13:20 UTC
From: J. M. Moen
Topic: 10596 Message: 10598

Go to http://www.dutch-star.eu/software/ and download NAtools for Windows (64-bit).

There’s a “trick” to loading NAtools on Win8. Check out question 12 at our FAQ – http://www.gmskdvnode.info/ -- you first load everything in NATools except the drivers, then you disable Win8 driver signing, then you load only the drivers portion of NATools. The FAQ will guide you on this.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of tdko@...
Sent: Tuesday, November 12, 2013 4:18 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Windows 8.1 Drivers
I cannot find the Windows 8 (64 bit) drivers for the DUTCH DVAR HOT SPOT. Can anyone help me locate them. 73's

10599. RE: RE: [gmsk_dv_node] Windows 8.1 Drivers

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-13 14:16:02 UTC
From: <tdko@...>
Topic: 10596 Message: 10599

I did that about 5 times, same result. Device manager shows"DUTCH⋆Star HSA V.1" but under Properties - It shows "The drivers for this device are not installed. (Code 28)". Also the USB cable to the Star Board not working because machine port is USB3.0. (Microsoft Surface Pro running Windows 8.1) 73's

---In gmsk_dv_node@yahoogroups.com, <jim@...> wrote:

RE: [gmsk_dv_node] Windows 8.1 Drivers Go to http://www.dutch-star.eu/software/ http://www.dutch-star.eu/software/ and download NAtools for Windows (64-bit). There's a "trick" to loading NAtools on Win8. Check out question 12 at our FAQ – http://www.gmskdvnode.info/ http://www.gmskdvnode.info/ -- you first load everything in NATools except the drivers, then you disable Win8 driver signing, then you load only the drivers portion of NATools. The FAQ will guide you on this.
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From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of tdko@...
Sent: Tuesday, November 12, 2013 4:18 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Windows 8.1 Drivers
I cannot find the Windows 8 (64 bit) drivers for the DUTCH DVAR HOT SPOT. Can anyone help me locate them. 73's

10600. RE: RE: [gmsk_dv_node] Windows 8.1 Drivers

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-13 17:53:01 UTC
From: Craig Gagner
Topic: 10596 Message: 10600
Attachments: 2 described; binary payloads are missing from this source WARC

Your running Windows 8.1 RT, the driver may not be supported on a Tablet version.

Craig

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of tdko@...
Sent: Wednesday, November 13, 2013 9:16 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: RE: [gmsk_dv_node] Windows 8.1 Drivers

I did that about 5 times, same result. Device manager shows"DUTCH⋆Star HSA V.1" but under Properties - It shows "The drivers for this device are not installed. (Code 28)". Also the USB cable to the Star Board not working because machine port is USB3.0. (Microsoft Surface Pro running Windows 8.1) 73's

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There’s a “trick” to loading NAtools on Win8. Check out question 12 at our FAQ –

http://www.gmskdvnode.info/ -- you first load everything in NATools except the drivers, then you disable Win8 driver signing, then you load only the drivers portion of NATools. The FAQ will guide you on this.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of tdko@...
Sent: Tuesday, November 12, 2013 4:18 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Windows 8.1 Drivers

I cannot find the Windows 8 (64 bit) drivers for the DUTCH DVAR HOT SPOT. Can anyone help me locate them. 73's

10601. RE: RE: RE: [gmsk_dv_node] Windows 8.1 Drivers

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-13 18:22:18 UTC
From: <tdko@...>
Topic: 10596 Message: 10601

No! It is a Surface PRO running the whole Windows 8.1, NOT Windows 8.1 RT. I believe from what I see is the Windows 8, 64 bit GMSK software, USB drivers that try to install assume the USB port on the machine is USB2.0; but the port on the Surface PRO is really USB3.0.

---In gmsk_dv_node@yahoogroups.com, <crgagner@...> wrote:

RE: [gmsk_dv_node] Windows 8.1 Drivers Your running Windows 8.1 RT, the driver may not be supported on a Tablet version.

Craig

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of tdko@...
Sent: Wednesday, November 13, 2013 9:16 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: RE: [gmsk_dv_node] Windows 8.1 Drivers

I did that about 5 times, same result. Device manager shows"DUTCH⋆Star HSA V.1" but under Properties - It shows "The drivers for this device are not installed. (Code 28)". Also the USB cable to the Star Board not working because machine port is USB3.0. (Microsoft Surface Pro running Windows 8.1) 73's

---In gmsk_dv_node@yahoogroups.com, <jim@...> wrote:
Go to http://www.dutch-star.eu/software/ http://www.dutch-star.eu/software/ and download NAtools for Windows (64-bit).
There’s a “trick” to loading NAtools on Win8. Check out question 12 at our FAQ – http://www.gmskdvnode.info/ http://www.gmskdvnode.info/ -- you first load everything in NATools except the drivers, then you disable Win8 driver signing, then you load only the drivers portion of NATools. The FAQ will guide you on this.
Jim – K6JM
From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of tdko@...
Sent: Tuesday, November 12, 2013 4:18 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Windows 8.1 Drivers
I cannot find the Windows 8 (64 bit) drivers for the DUTCH DVAR HOT SPOT. Can anyone help me locate them. 73's

10602. RE: RE: RE: [gmsk_dv_node] Windows 8.1 Drivers

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-13 18:29:10 UTC
From: Fred PA4YBR
Topic: 10596 Message: 10602

No, the drivers don't assume that. They just interface with what Windows presents to them, they never see the actual "port" stuff.

Without additional info, it's hard to say what might be going wrong here. I take it you did follow the instructions and disable driver signing before doing this?

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of tdko@...
Sent: Wednesday, November 13, 2013 7:22 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: RE: RE: [gmsk_dv_node] Windows 8.1 Drivers

No! It is a Surface PRO running the whole Windows 8.1, NOT Windows 8.1 RT. I believe from what I see is the Windows 8, 64 bit GMSK software, USB drivers that try to install assume the USB port on the machine is USB2.0; but the port on the Surface PRO is really USB3.0.

---In gmsk_dv_node@yahoogroups.com, <crgagner@...> wrote:

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Craig

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Sent: Wednesday, November 13, 2013 9:16 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: RE: [gmsk_dv_node] Windows 8.1 Drivers

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http://www.gmskdvnode.info/ -- you first load everything in NATools except the drivers, then you disable Win8 driver signing, then you load only the drivers portion of NATools. The FAQ will guide you on this.

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Subject: [gmsk_dv_node] Windows 8.1 Drivers

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10603. RE: RE: RE: [gmsk_dv_node] Windows 8.1 Drivers

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-14 00:29:47 UTC
From: Craig Gagner
Topic: 10596 Message: 10603
Attachments: 2 described; binary payloads are missing from this source WARC

Mine works fine on windows 8 and 8.1 on a USB 3.0 port. Could be missing a step in the instructions for turning off driver signatures.

Craig

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of tdko@...
Sent: Wednesday, November 13, 2013 1:22 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: RE: RE: [gmsk_dv_node] Windows 8.1 Drivers

No! It is a Surface PRO running the whole Windows 8.1, NOT Windows 8.1 RT. I believe from what I see is the Windows 8, 64 bit GMSK software, USB drivers that try to install assume the USB port on the machine is USB2.0; but the port on the Surface PRO is really USB3.0.

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Sent: Wednesday, November 13, 2013 9:16 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: RE: [gmsk_dv_node] Windows 8.1 Drivers

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Subject: [gmsk_dv_node] Windows 8.1 Drivers

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10604. GMSK Moen Board, Raspberry PI not passing dstar traffic

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-14 14:58:50 UTC
From: kd5u@ymail.com
Topic: 10604 Message: 10604

I could use some advice. I have searched on a solution to this problem with no luck.

I'm using a GMSK Moen board, raspberry PI, GMSK repeater, IRCDDB Gateway software and am unable to pass dstar traffic. It feels like an authentication issue or network issue.

1. Windows config, test, and dstar hotspot applications work flawlessly with this radio and board.

2. Moving to the pi, the board is recognized and will link and unlink to reflectors but dstar traffic will not pass either direction.

Any ideas on where I should look for this? Is this a registration issue or network issue? Registered call signs are KD5U , KD5U C , KD5U N

any thoughts on how to approach this would be appreciated.
thanks!
John

10605. RE: [gmsk_dv_node] GMSK Moen Board, Raspberry PI not passing dstar traffic

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-14 15:53:33 UTC
From: Don Woodward
Topic: 10604 Message: 10605

Did you get the "beta" firmware from Fred at DutchStar and load it on your StarBoard?

73's

Don Woodward

Ball Ground, GA

KD4APP

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of kd5u@...
Sent: Thursday, November 14, 2013 09:59
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] GMSK Moen Board, Raspberry PI not passing dstar traffic

I could use some advice. I have searched on a solution to this problem with no luck.

I'm using a GMSK Moen board, raspberry PI, GMSK repeater, IRCDDB Gateway software and am unable to pass dstar traffic. It feels like an authentication issue or network issue.

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Any ideas on where I should look for this? Is this a registration issue or network issue? Registered call signs are KD5U , KD5U C , KD5U N

any thoughts on how to approach this would be appreciated.
thanks!
John

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6826 - Release Date: 11/11/13

10606. Re: GMSK Moen Board, Raspberry PI not passing dstar traffic

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-14 16:05:46 UTC
From: kd5u@ymail.com
Topic: 10604 Message: 10606

I sure did. Loaded it up with no errors. Before loading the beta firmware the pi wouldn't recognize the board..

So I'm running the beta firmware now.

Thanks though!

--- In gmsk_dv_node@yahoogroups.com, "Don Woodward" <dbwoodw@...> wrote:
>
> Did you get the "beta" firmware from Fred at DutchStar and load it on your
> StarBoard?
>
>
>
> 73's
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>
>
> Don Woodward
>
> Ball Ground, GA
>
> KD4APP
>
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>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of kd5u@...
> Sent: Thursday, November 14, 2013 09:59
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] GMSK Moen Board, Raspberry PI not passing dstar
> traffic
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>
> I could use some advice. I have searched on a solution to this problem with
> no luck.
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> software and am unable to pass dstar traffic. It feels like an
> authentication issue or network issue.
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> 1. Windows config, test, and dstar hotspot applications work flawlessly with
> this radio and board.
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> 2. Moving to the pi, the board is recognized and will link and unlink to
> reflectors but dstar traffic will not pass either direction.
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> Any ideas on where I should look for this? Is this a registration issue or
> network issue? Registered call signs are KD5U , KD5U C , KD5U N
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> any thoughts on how to approach this would be appreciated.
> thanks!
> John
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> _____
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4158 / Virus Database: 3629/6826 - Release Date: 11/11/13
>

10607. RE: [gmsk_dv_node] Re: GMSK Moen Board, Raspberry PI not passing dstar traffic

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-14 16:09:29 UTC
From: Fred PA4YBR
Topic: 10604 Message: 10607

John,

You probably will get a lot more feedback if you also include error messages and/or logfiles with your question.

Technically, you should ask this on the group for that software, as you already
mention that using the "standard tools", all is well.

Pse include a logfile for the software so we can see what it is doing, not doing,
or trying to (not) do....

Thanks,

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of kd5u@...
Sent: Thursday, November 14, 2013 5:06 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: GMSK Moen Board, Raspberry PI not passing dstar traffic

I sure did. Loaded it up with no errors. Before loading the beta firmware the pi wouldn't recognize the board..

So I'm running the beta firmware now.

Thanks though!

--- In gmsk_dv_node@yahoogroups.com, "Don Woodward" <dbwoodw@...> wrote:
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> Did you get the "beta" firmware from Fred at DutchStar and load it on your
> StarBoard?
>
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> 73's
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>
>
> Don Woodward
>

> Ball Ground, GA
>
> KD4APP
>
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>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
On
> Behalf Of kd5u@...
> Sent: Thursday, November 14, 2013 09:59
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] GMSK Moen Board, Raspberry PI not passing dstar
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> I could use some advice. I have searched on a solution to this problem
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> No virus found in this message.

> Checked by AVG - www.avg.com
> Version: 2014.0.4158 / Virus Database: 3629/6826 - Release Date: 11/11/13
>

10608. Re: GMSK Moen Board, Raspberry PI not passing dstar traffic

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-14 17:14:06 UTC
From: kd5u@ymail.com
Topic: 10604 Message: 10608

Thank you. I can't see any errors in the log files displayed in the gui other than on first try the connection is usually refused / busy for a reflector. The second try it appears to connect successfully.

I have a screen shot if that would help. I could email you.

I apologize but I'm not sure yet where I can find the log files other than what is displayed in the gui. If you could point me in the right direction it would be appreciated.

thanks again,
John

--- In gmsk_dv_node@yahoogroups.com, "Fred PA4YBR" <fred@...> wrote:
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> John,
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> You probably will get a lot more feedback if you also include error messages
> and/or logfiles with your question.
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> Technically, you should ask this on the group for that software, as you
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> mention that using the "standard tools", all is well.
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> Pse include a logfile for the software so we can see what it is doing, not
> doing,
> or trying to (not) do....
>
> Thanks,
>
> Fred
>
> _____
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of kd5u@...
> Sent: Thursday, November 14, 2013 5:06 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Re: GMSK Moen Board, Raspberry PI not passing dstar
> traffic
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>
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> I sure did. Loaded it up with no errors. Before loading the beta firmware
> the pi wouldn't recognize the board..
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> So I'm running the beta firmware now.
>
> Thanks though!
>
> --- In gmsk_dv_node@yahoogroups.com, "Don Woodward" <dbwoodw@> wrote:
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> > Did you get the "beta" firmware from Fred at DutchStar and load it on your
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> > 73's
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> > Don Woodward
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> On
> > Behalf Of kd5u@
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> > Subject: [gmsk_dv_node] GMSK Moen Board, Raspberry PI not passing dstar
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> >
>

10609. RE: [gmsk_dv_node] Re: GMSK Moen Board, Raspberry PI not passing dstar traffic

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-14 19:02:34 UTC
From: Don Woodward
Topic: 10604 Message: 10609

/var/log

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of kd5u@...
Sent: Thursday, November 14, 2013 12:14
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: GMSK Moen Board, Raspberry PI not passing dstar traffic

Thank you. I can't see any errors in the log files displayed in the gui other than on first try the connection is usually refused / busy for a reflector. The second try it appears to connect successfully.

I have a screen shot if that would help. I could email you.

I apologize but I'm not sure yet where I can find the log files other than what is displayed in the gui. If you could point me in the right direction it would be appreciated.

thanks again,
John

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> Thanks,
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> Fred
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> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]

On
> Behalf Of kd5u@...
> Sent: Thursday, November 14, 2013 5:06 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Re: GMSK Moen Board, Raspberry PI not passing
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> > From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
> On
> > Behalf Of kd5u@
> > Sent: Thursday, November 14, 2013 09:59
> > To: gmsk_dv_node@yahoogroups.com
> > Subject: [gmsk_dv_node] GMSK Moen Board, Raspberry PI not passing dstar
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Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6826 - Release Date: 11/11/13

10610. RE: [gmsk_dv_node] Re: GMSK Moen Board, Raspberry PI not passing dstar traffic

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-14 19:10:31 UTC
From: J. M. Moen
Topic: 10604 Message: 10610

I'm guessing this is a router port forwarding issue. I've sent a direct email to John; we'll post something when the problem has been found.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of kd5u@...
Sent: Thursday, November 14, 2013 9:14 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: GMSK Moen Board, Raspberry PI not passing dstar traffic
Thank you. I can't see any errors in the log files displayed in the gui other than on first try the connection is usually refused / busy for a reflector. The second try it appears to connect successfully.

I have a screen shot if that would help. I could email you.

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thanks again,
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On
> Behalf Of kd5u@...
> Sent: Thursday, November 14, 2013 5:06 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Re: GMSK Moen Board, Raspberry PI not passing
dstar
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> the pi wouldn't recognize the board..
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> So I'm running the beta firmware now.
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> >
> > KD4APP
> > From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
> On
> > Behalf Of kd5u@
> > Sent: Thursday, November 14, 2013 09:59
> > To: gmsk_dv_node@yahoogroups.com
> > Subject: [gmsk_dv_node] GMSK Moen Board, Raspberry PI not passing dstar
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> > reflectors but dstar traffic will not pass either direction.
> >
> > Any ideas on where I should look for this? Is this a registration issue
or
> > network issue? Registered call signs are KD5U , KD5U C , KD5U N
> >
> > any thoughts on how to approach this would be appreciated.
> > thanks!
> > John

10611. DVAR Hot Spot question

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-14 19:44:56 UTC
From: <tdko@...>
Topic: 10611 Message: 10611

Has anyone put out stet-by step instructions for "Setting up a Raspberry Pi to work with a DVAR Hot Spot" similar to the the very nice "Setting up a Raspberry Pi to work with a DV Access Point Dongle (DVAP)" by AB4BJ? I have downloaded GMSK+ircDDB+VNC.img, burned it to th SD Card and it is running on the Pi, but not sure how to configure the dialogs. Many thanks for any help. 73's

10612. RE: [gmsk_dv_node] DVAR Hot Spot question

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-15 03:36:44 UTC
From: J. M. Moen
Topic: 10611 Message: 10612

I documented how I did it and can send out my notes to you directly. I intend to put these on a web page, but haven’t gotten to it yet.

As you probably remember, DVAR is a great program, but runs only under the various Windows versions. The Pi runs various versions of Linux. Right now, G4KLX and FreeStar are the programs people are using on Linux.

There are several hams who publish Pi SD image files that speed up getting that going – Brian GW6WTK at westerndstar.co.uk, Adrian VK4TUX – their images have G4KLX programs. Ramesh VA3UV has the FreeStar programs. They all work, though each has some different features.

Since you have already downloaded an image and are nearly done, only needing to do some config stuff, and since my notes also refer to the same image you are using, my notes should answer most of your questions.

I’ll fire them off directly to you.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of tdko@...
Sent: Thursday, November 14, 2013 11:45 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] DVAR Hot Spot question
Has anyone put out stet-by step instructions for "Setting up a Raspberry Pi to work with a DVAR Hot Spot" similar to the the very nice "Setting up a Raspberry Pi to work with a DV Access Point Dongle (DVAP)" by AB4BJ? I have downloaded GMSK+ircDDB+VNC.img, burned it to th SD Card and it is running on the Pi, but not sure how to configure the dialogs. Many thanks for any help. 73's

10613. Re: GMSK Moen Board, Raspberry PI not passing dstar traffic - RESOLVED

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-15 14:34:50 UTC
From: kd5u@ymail.com
Topic: 10604 Message: 10613

All with Jim's help we have it working. Not totally sure exactly what fixed it, but the following was done to get it going.

Verified Router port forwarding parameters

Name Type and Port Number Description
DExtra UDP, 30001 DExtra gateway and reflector linking, also used by DEXTRA_LINK if enabled.

DCS UDP, 30051-30059 DCS gateway and reflector linking, also used by DCS_LINK if enabled.

D-Plus UDP, 20001-20009 D-Plus gateway and reflector linking

CCS UDP, 30061-30065 CCS callsign or repeater routing

G2 Routing UDP, 40000 For callsign and repeater routing

Then reconfigured a fresh image of the PI OS and GMSK Repeater, IRCDDB apps. Works very well now.

Thanks to Jim and everyone for the suggestions.

Working on getting my GM300 to work with this solution now. Once I get there I'll do some documentation as well.

thanks!
John

--- In gmsk_dv_node@yahoogroups.com, "J. M. Moen" <jim@...> wrote:
>
> I'm guessing this is a router port forwarding issue. I've sent a direct
> email to John; we'll post something when the problem has been found.
>
> Jim - K6JM
>
> From: gmsk_dv_node@...m [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of kd5u@...
> Sent: Thursday, November 14, 2013 9:14 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Re: GMSK Moen Board, Raspberry PI not passing dstar
> traffic
> Thank you. I can't see any errors in the log files displayed in the gui
> other than on first try the connection is usually refused / busy for a
> reflector. The second try it appears to connect successfully.
>
> I have a screen shot if that would help. I could email you.

>
> I apologize but I'm not sure yet where I can find the log files other than
> what is displayed in the gui. If you could point me in the right direction
> it would be appreciated.
>
> thanks again,
> John
>
> --- In gmsk_dv_node@yahoogroups.com, "Fred PA4YBR" <fred@> wrote:
> >
> > John,
> >
> > You probably will get a lot more feedback if you also include error
> messages
> > and/or logfiles with your question.
> >
> > Technically, you should ask this on the group for that software, as you
> > already
> > mention that using the "standard tools", all is well.
> >
> > Pse include a logfile for the software so we can see what it is doing, not
> > doing,
> > or trying to (not) do....
> >
> > Thanks,
> >
> > Fred
> >
> > _____
> >
> > From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
> On
> > Behalf Of kd5u@
> > Sent: Thursday, November 14, 2013 5:06 PM
> > To: gmsk_dv_node@yahoogroups.com
> > Subject: [gmsk_dv_node] Re: GMSK Moen Board, Raspberry PI not passing
> dstar
> > traffic
> >
> > I sure did. Loaded it up with no errors. Before loading the beta firmware
> > the pi wouldn't recognize the board..
> >
> > So I'm running the beta firmware now.
> >
> > Thanks though!
> >
> > --- In gmsk_dv_node@yahoogroups.com, "Don Woodward" <dbwoodw@> wrote:
> > >
> > > Did you get the "beta" firmware from Fred at DutchStar and load it on
> your

> > > StarBoard?
> > >
> > > 73's
> > >
> > > Don Woodward
> > >
> > > Ball Ground, GA
> > >
> > > KD4APP
> > > From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
> > On
> > > Behalf Of kd5u@
> > > Sent: Thursday, November 14, 2013 09:59
> > > To: gmsk_dv_node@yahoogroups.com
> > > Subject: [gmsk_dv_node] GMSK Moen Board, Raspberry PI not passing dstar
> > > traffic
> > > I could use some advice. I have searched on a solution to this problem
> > with
> > > no luck.
> > >
> > > I'm using a GMSK Moen board, raspberry PI, GMSK repeater, IRCDDB Gateway
> > > software and am unable to pass dstar traffic. It feels like an
> > > authentication issue or network issue.
> > >
> > > 1. Windows config, test, and dstar hotspot applications work flawlessly
> > with
> > > this radio and board.
> > >
> > > 2. Moving to the pi, the board is recognized and will link and unlink to
> > > reflectors but dstar traffic will not pass either direction.
> > >
> > > Any ideas on where I should look for this? Is this a registration issue
> or
> > > network issue? Registered call signs are KD5U , KD5U C , KD5U N
> > >
> > > any thoughts on how to approach this would be appreciated.
> > > thanks!
> > > John
>

10614. Re: [gmsk_dv_node] Re: GMSK Moen Board, Raspberry PI not passing dstar traffic - RESOLVED

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-15 15:05:44 UTC
From: David Webb
Topic: 10604 Message: 10614

Are you having problems getting it to work, or have you not got that far yet? I'm running a GM300 with my board and can give you the inversion settings if you want.

Dave-KB1PVH

On Fri, Nov 15, 2013 9:34 AM EST kd5u@... wrote:

>
>Thanks to Jim and everyone for the suggestions.
>
>Working on getting my GM300 to work with this solution now. Once I get there I'll do some documentation as well.
>

10615. Re: [gmsk_dv_node] Re: GMSK Moen Board, Raspberry PI not passing dstar traffic - RESOLVED

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-15 15:08:49 UTC
From: Angelo Glorioso
Topic: 10604 Message: 10615

Hi Dave,

Are you on Dstar now???

7 3 de Angelo

----- Original Message -----
From: David Webb
To: gmsk_dv_node@yahoogroups.com
Sent: Friday, November 15, 2013 9:05 AM
Subject: Re: [gmsk_dv_node] Re: GMSK Moen Board, Raspberry PI not passing dstar traffic - RESOLVED

Are you having problems getting it to work, or have you not got that far yet? I'm running a GM300 with my board and can give you the inversion settings if you want.

Dave-KB1PVH

On Fri, Nov 15, 2013 9:34 AM EST kd5u@... wrote:

>
>Thanks to Jim and everyone for the suggestions.
>
>Working on getting my GM300 to work with this solution now. Once I get there I'll do some documentation as well.
>

10616. Re: GMSK Moen Board, Raspberry PI not passing dstar traffic - RESOLVED

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-15 15:20:49 UTC
From: kd5u@ymail.com
Topic: 10604 Message: 10616

Hi David, thanks. I'm pretty sure I have a cable issue with my GM300. I tested with an adapter 16pin adapter from argent data which I'm thinking is the problem. Once I get the new cable built it will probably work. If not I'll contact you and we can compare notes.

thanks again!
John

--- In gmsk_dv_node@yahoogroups.com, David Webb <kb1pvh@...> wrote:
>
>
>
> Are you having problems getting it to work, or have you not got that far yet? I'm running a GM300 with my board and can give you the inversion settings if you want.
>
> Dave-KB1PVH
>
>
> ------------------------------
> On Fri, Nov 15, 2013 9:34 AM EST kd5u@... wrote:
>
>
> >
> >Thanks to Jim and everyone for the suggestions.
> >
> >Working on getting my GM300 to work with this solution now. Once I get there I'll do some documentation as well.
> >
>

10617. Re: [gmsk_dv_node] Re: GMSK Moen Board, Raspberry PI not passing dstar traffic - RESOLVED

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-15 15:22:34 UTC
From: David Webb
Topic: 10604 Message: 10617

Angelo,

I can be. Where do you want to meet up?

On Fri, Nov 15, 2013 10:08 AM EST Angelo Glorioso wrote:

>Hi Dave,
>
> Are you on Dstar now???
>
>
>7 3 de Angelo
>
>
> ----- Original Message -----
> From: David Webb
> To: gmsk_dv_node@yahoogroups.com
> Sent: Friday, November 15, 2013 9:05 AM
> Subject: Re: [gmsk_dv_node] Re: GMSK Moen Board, Raspberry PI not passing dstar traffic - RESOLVED
>
>
>
>
>
> Are you having problems getting it to work, or have you not got that far yet? I'm running a GM300 with my board and can give you the inversion settings if you want.
>
> Dave-KB1PVH
>
> ---
> On Fri, Nov 15, 2013 9:34 AM EST kd5u@... wrote:
>
> >
> >Thanks to Jim and everyone for the suggestions.
> >
> >Working on getting my GM300 to work with this solution now. Once I get there I'll do some documentation as well.
> >
>
>
>
>

10618. Re: [gmsk_dv_node] Re: GMSK Moen Board, Raspberry PI not passing dstar traffic - RESOLVED

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-15 15:23:45 UTC
From: David Webb
Topic: 10604 Message: 10618

OK, John.

On Fri, Nov 15, 2013 10:20 AM EST kd5u@... wrote:

>
>Hi David, thanks. I'm pretty sure I have a cable issue with my GM300. I tested with an adapter 16pin adapter from argent data which I'm thinking is the problem. Once I get the new cable built it will probably work. If not I'll contact you and we can compare notes.
>
>thanks again!
>John
>
>
>--- In gmsk_dv_node@yahoogroups.com, David Webb <kb1pvh@...> wrote:
>>
>>
>>
>> Are you having problems getting it to work, or have you not got that far yet? I'm running a GM300 with my board and can give you the inversion settings if you want.
>>
>> Dave-KB1PVH
>>
>>
>> ---
>> On Fri, Nov 15, 2013 9:34 AM EST kd5u@... wrote:
>>
>>
>>
>> >
>> >Thanks to Jim and everyone for the suggestions.
>> >
>> >Working on getting my GM300 to work with this solution now. Once I get there I'll do some documentation as well.
>> >
>>
>
>

10619. Hotspot Auth keeps failing

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-15 15:39:32 UTC
From: currens1@bellsouth.net
Topic: 10619 Message: 10619

Got hotspot all setup. Everytime I try to connect it fails. I have log file but can not figure how to attach here

10620. RE: [gmsk_dv_node] Hotspot Auth keeps failing

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-15 18:10:48 UTC
From: J. M. Moen
Topic: 10619 Message: 10620

From the log you sent me, I see you are running DVAR HotSpot v2.61. DPlus is giving you're the OKRO or read-only auth failure message, so I'm guessing your Gateway Auth Callsign can't be found as a registered terminal. Since I see you have three registered for WN4E - a blank module, a C and an N, then I'm guessing when you filled in that field, you didn't put enough spaces so the module letter would be in the 8th position. I'd check that.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of currens1@...
Sent: Friday, November 15, 2013 7:40 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Hotspot Auth keeps failing
Got hotspot all setup. Everytime I try to connect it fails. I have log file but can not figure how to attach here

10621. How to load PICBoot ???

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-16 14:23:49 UTC
From: <f5hcc@...>
Topic: 10621 Message: 10621

Hello and thank you for reading this post.
I had a problem during firmware upgrade on my DutchStar GMSK modem, and it is now impossible to talk with the PIC.
I guess I have to reload PICBoot in the microcontroller, but I can't locate the file (PICBoot).
Of course, I do have a PIC programmer, so I can extract the chip from my GMSK modem and program it with PICBoot.
Thank you for your help !
73 from Fabrice, F5HCC.

10622. RE: [gmsk_dv_node] How to load PICBoot ???

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-16 15:24:14 UTC
From: Fred PA4YBR
Topic: 10621 Message: 10622

Sent to your email address...

-fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of f5hcc@...
Sent: Saturday, November 16, 2013 3:24 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] How to load PICBoot ???

Hello and thank you for reading this post.

I had a problem during firmware upgrade on my DutchStar GMSK modem, and it is now impossible to talk with the PIC.

I guess I have to reload PICBoot in the microcontroller, but I can't locate the file (PICBoot).

Of course, I do have a PIC programmer, so I can extract the chip from my GMSK modem and program it with PICBoot.

Thank you for your help !

73 from Fabrice, F5HCC.

10623. RE: How to load PICBoot ???

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-16 16:43:37 UTC
From: <f5hcc@...>
Topic: 10621 Message: 10623

Thanks a lot Fred !!!

Fabrice, F5HCC.

---In gmsk_dv_node@yahoogroups.com, <fred@...> wrote:

Sent to your email address...

-fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of f5hcc@...
Sent: Saturday, November 16, 2013 3:24 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] How to load PICBoot ???

Hello and thank you for reading this post.
I had a problem during firmware upgrade on my DutchStar GMSK modem, and it is now impossible to talk with the PIC.
I guess I have to reload PICBoot in the microcontroller, but I can't locate the file (PICBoot).
Of course, I do have a PIC programmer, so I can extract the chip from my GMSK modem and program it with PICBoot.
Thank you for your help !
73 from Fabrice, F5HCC.

10624. Anyone using the Yaesu FT-7900R

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-20 01:27:22 UTC
From: Dock Edwards
Topic: 10624 Message: 10624

Hello,is there anyone using the (Yaesu FT-7900R) with the
(Star*Board GMSK Node Adapter
Radio Cable (DSUB9 to Mini DIN6) connects Star Board to most Yaesu/ICOM/Kenwood/other radios with 6 pin Mini DIN Data jack)?
Thanks for any info on using the FT-7900R with the cable that comes with the MoenComm Board for Yaesu 6 pin mini din Data jack ?
Dock/n4hyk

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

10625. Re: [gmsk_dv_node] Anyone using the Yaesu FT-7900R

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-20 02:17:19 UTC
From: R. Niles Vaught
Topic: 10624 Message: 10625

Dock, GE; Yes I am using the Yaesu FT-7900R with a Star*Board and the cable provided. It works great.

Niles
K4RNV

From: Dock Edwards <n4hyk@...>
To: gmsk_dv_node@yahoogroups.com
Cc: n4hyk@...
Sent: Tuesday, November 19, 2013 8:27 PM
Subject: [gmsk_dv_node] Anyone using the Yaesu FT-7900R

Hello,is there anyone
using the (Yaesu FT-7900R) with the
(
Star*Board GMSK Node Adapter
Radio Cable (DSUB9 to Mini DIN6)connects Star Board to most Yaesu/ICOM/Kenwood/other radios with 6 pin Mini DIN Data jack)?
Thanks for any info on using the FT-7900R with the cable that comes with the MoenComm Board for Yaesu 6 pin mini din Data jack ?
    Dock/n4hyk

This email is free from viruses and malware because avast! Antivirus protection is active.

10626. Re: [gmsk_dv_node] Anyone using the Yaesu FT-7900R

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-20 03:11:26 UTC
From: Dock Edwards
Topic: 10624 Message: 10626

Thank you very much Niles. And thanks for the very quick reply and a very good evening to you.
Dock/n4hyk
----- Original Message -----
From: R. Niles Vaught
To: gmsk_dv_node@yahoogroups.com
Cc: n4hyk@...
Sent: Tuesday, November 19, 2013 9:17 PM
Subject: Re: [gmsk_dv_node] Anyone using the Yaesu FT-7900R

Dock, GE; Yes I am using the Yaesu FT-7900R with a Star*Board and the cable provided. It works great.

Niles
K4RNV

From: Dock Edwards <n4hyk@netzero.net>
To: gmsk_dv_node@yahoogroups.com
Cc: n4hyk@...
Sent: Tuesday, November 19, 2013 8:27 PM
Subject: [gmsk_dv_node] Anyone using the Yaesu FT-7900R

Hello,is there anyone using the (Yaesu FT-7900R) with the
(Star*Board GMSK Node Adapter
Radio Cable (DSUB9 to Mini DIN6) connects Star Board to most Yaesu/ICOM/Kenwood/other radios with 6 pin Mini DIN Data jack)?
Thanks for any info on using the FT-7900R with the cable that comes with the MoenComm Board for Yaesu 6 pin mini din Data jack ?
Dock/n4hyk

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This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

10627. dstar node with existing dstar radio.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-21 00:36:15 UTC
From: <jasdjensen@...>
Topic: 10627 Message: 10627

Hi, I'm new to D-Star and have an Icom 880h. I've heard of the Dstar node hotspots where you hook an analog radio to it then use another Dstar radio to communicate through it. However, I'm wondering if there's a way to hook my 880 directly to the node adapter so that I can use its internet connection to have a qso or if I can hook my radio direct to the computer. I'm new to this so I don't know if this is totally off the wall. I know there are guys who have hotspots that they take on long trips so that the can talk through reflectors and such. does this man they have two radios (one analog hooked to the node adapter)? I have a raspberry pi already and an internet puck. Just wondering if I need two radios or if I can just use one? thanks Jason K7KKY

10628. RE: dstar node with existing dstar radio.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-21 11:22:31 UTC
From: <m1dns.gb3hb@...>
Topic: 10627 Message: 10628

Jason

Unfortunately you will need two radios one dstar & one acting as an accesspoint. You cannot hook your 880 up to the network as you asked.. Look on eBay for a pmr rig maybe a gm350 or a Tait t2020 they are reasonably cheap, or a friendcom fc301 data radio. The radio doesn't have to be a Ham rig, although the ft7800 does a really good job as a node radio, and again is reasonably cheap if you find one pre-owned..

The s/ware suite PC repeater controller by Jonathan, g4klx has the ability to run on a rasp pi. You will need either a gmsk board by Fred or Jim or a dvrptr board from Bruce.. Or you can get a DVAP from Robin all work equally well with the pi. There is a soundcard program within the suite, which you could try with a cheap USB soundfob, but I think you might be stretching the pi,s processor a little. So there are a few options and it doesn't have to cost a lot.

A.M1DNS.

---In gmsk_dv_node@yahoogroups.com, <jasdjensen@...> wrote:

Hi, I'm new to D-Star and have an Icom 880h. I've heard of the Dstar node hotspots where you hook an analog radio to it then use another Dstar radio to communicate through it. However, I'm wondering if there's a way to hook my 880 directly to the node adapter so that I can use its internet connection to have a qso or if I can hook my radio direct to the computer. I'm new to this so I don't know if this is totally off the wall. I know there are guys who have hotspots that they take on long trips so that the can talk through reflectors and such. does this man they have two radios (one analog hooked to the node adapter)? I have a raspberry pi already and an internet puck. Just wondering if I need two radios or if I can just use one? thanks Jason K7KKY

10629. Re: [gmsk_dv_node] Anyone using the Yaesu FT-7900R

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-21 13:00:15 UTC
From: Tom Kohli
Topic: 10624 Message: 10629

FT-7900 Radio settings, 9600 baud. Simplex. Mode: FM. I use 446.375 here.

On my ID-51A settings. Freq: 446.375. CQCQCQ. Mode: DV

Tom. WA4TE. 73's

> On Nov 19, 2013, at 9:17 PM, "R. Niles Vaught" <nvaught@bellsouth.net> wrote:
>
> Dock, GE; Yes I am using the Yaesu FT-7900R with a Star*Board and the cable provided. It works great.
>
> Niles
> K4RNV
>
>
> From: Dock Edwards <n4hyk@...>
> To: gmsk_dv_node@yahoogroups.com
> Cc: n4hyk@...
> Sent: Tuesday, November 19, 2013 8:27 PM
> Subject: [gmsk_dv_node] Anyone using the Yaesu FT-7900R
>
>
> Hello,is there anyone using the (Yaesu FT-7900R) with the
> (
> Star*Board GMSK Node Adapter
> Radio Cable (DSUB9 to Mini DIN6) connects Star Board to most Yaesu/ICOM/Kenwood/other radios with 6 pin Mini DIN Data jack)?
> Thanks for any info on using the FT-7900R with the cable that comes with the MoenComm Board for Yaesu 6 pin mini din Data jack ?
> Dock/n4hyk
>
>
>
> This email is free from viruses and malware because avast! Antivirus protection is active.
>
>
>
>

10630. RE: dstar node with existing dstar radio.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-21 15:52:01 UTC
From: <john@...>
Topic: 10627 Message: 10630

Hi Jason,

If you still live in Herriman, you have several Utah Repeaters. KF6RAL is on Farnsworth and WA7GIE is a little further south (I forget which peak), both of which should be easy from Herriman) There is also one in Lehi.

To answer your question. If you just want to operate from your computer, get a DVDongle (no radios involved).

An 880H can be used as a hot-spot, but its a shame to dedicate it to hotspot duty when there are a lot of inexpensive FM radios (must have 9600 packet port, or true FM with access to discriminator and modulator access). A 'hotspot' requires a D-STAR radio in DV mode to talk to the hotspot (e.g. if you use the 880h as a hotspot, you will need a second D-STAR radio).

The Pi will run a hotspot or repeater just fine. You can use a node adapter or dvrptr (V1) device, they cost around $100 and go between the Pi and the radio you are using for the hotspot. This will give you a coverage area as big as your antenna will cover. If you just want something around your house/yard, you can also look at a DVAP.

For software, I recommend the G4KLX ircddbgateway + repeater.

Groups to join to help.

https://groups.google.com/forum/#!forum/utah-d-star-users

http://groups.yahoo.com/neo/groups/ircDDBGateway/files/Documentation
http://groups.yahoo.com/neo/groups/pcrepeatercontroller/files/Documentation

I recommend the DL5DI install method as documented in the above Yahoo! groups.

KF6RAL http://dstarusers.org/viewrepeater.php?system=KF6RAL Salt Lake City UT 145.12500MHz -0.600 448.07500MHz -5.000 1287.00000MHz -12.000 WA7GIE http://dstarusers.org/viewrepeater.php?system=WA7GIE Salt Lake UT 147.38000MHz +0.600 448.72500MHz -5.000 NU7TS http://dstarusers.org/viewrepeater.php?system=NU7TS Wellsville UT 449.57500MHz -5.000 KF7YIX http://dstarusers.org/viewrepeater.php?system=KF7YIX Saint George UT 145.15000MHz +0.600 447.95000MHz +5.000 1299.25000MHz KC7WST http://dstarusers.org/viewrepeater.php?system=KC7WST Saratoga Springs UT 447.05000MHz -5.000 K7YI http://dstarusers.org/viewrepeater.php?system=K7YI Price / Cedar Mtn Utah 448.07500MHz -5.000 REF029 http://dstarusers.org/viewrepeater.php?system=REF029 Utah AC7O http://dstarusers.org/viewrepeater.php?system=AC7O Logan Utah 145.15000MHz -0.600 447.97500MHz -5.000 1299.75000MHz KO7SLC http://dstarusers.org/viewrepeater.php?system=KO7SLC Salt Lake County Utah 145.15000MHz -0.600 447.95000MHz -5.000 1298.75000MHz WR7AAA http://dstarusers.org/viewrepeater.php?system=WR7AAA Cedar City Utah 145.15000MHz -0.600 447.95000MHz -5.000 1299.25000MHz

---In gmsk_dv_node@yahoogroups.com, <jasdjensen@...> wrote:

Hi, I'm new to D-Star and have an Icom 880h. I've heard of the Dstar node hotspots where you hook an analog radio to it then use another Dstar radio to communicate through it. However, I'm wondering if there's a way to hook my 880 directly to the node adapter so that I can use its internet connection to have a qso or if I can hook my radio direct to the computer. I'm new to this so I don't know if this is totally off the wall. I know there are guys who have hotspots that they take on long trips so that the can talk through reflectors and such. does this man they have two radios (one analog hooked to the node adapter)? I have a raspberry pi already and an internet puck. Just wondering if I need two radios or if I can just use one? thanks Jason K7KKY

10631. JUICEBOX

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-21 18:11:56 UTC
From: G0NMY
Topic: 10631 Message: 10631
Attachments: 1 described; binary payloads are missing from this source WARC

Now I have no affiliation to these guys but this looks like a good little project!
utilising a rasberry-pi
http://www.portableuniversalpower.com/DHAP.htm

[image: Inline images 1]

10632. Re: [gmsk_dv_node] JUICEBOX

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-21 18:58:29 UTC
From: Donald Jacob
Topic: 10631 Message: 10632
Attachments: 1 described; binary payloads are missing from this source WARC

Hmmm $260 Raspberry Pi in a case and a battery!

WB5EKU

On Thu, Nov 21, 2013 at 10:11 AM, G0NMY <mark.g0nmy@...> wrote:

>
>
> Now I have no affiliation to these guys but this looks like a good little
> project!
> utilising a rasberry-pi
> http://www.portableuniversalpower.com/DHAP.htm
>
>
> [image: Inline images 1]
>
>
>

10633. Re: [gmsk_dv_node] JUICEBOX

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-21 19:05:50 UTC
From: Angelo Glorioso
Topic: 10631 Message: 10633
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Don,

When you get a chance, connect to XREFL 048A. Got a surprise for you. The ip address is :

64.39.69.11 if you need to add to your file.

73 de Angelo

----- Original Message -----
From: Donald Jacob
To: gmsk_dv_node@yahoogroups.com
Sent: Thursday, November 21, 2013 12:58 PM
Subject: Re: [gmsk_dv_node] JUICEBOX

Hmmm $260 Raspberry Pi in a case and a battery!

WB5EKU

On Thu, Nov 21, 2013 at 10:11 AM, G0NMY <mark.g0nmy@...> wrote:

Now I have no affiliation to these guys but this looks like a good little project!
utilising a rasberry-pi
http://www.portableuniversalpower.com/DHAP.htm

10634. DRATS and BPQ32?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-21 21:22:55 UTC
From: Jeff Scoville
Topic: 10634 Message: 10634

Hopefully this isn't too far off topic of the GMSK DV node. There have been some postings that DRATS works under BPQ32 with AGWTOBPQ. They've also mentioned that DRATS can also go direct to a TNC using KISS.

What I am curious about is whether BPQ32 or other TNC software can be used "the other way" to drive a D-star radio data stream. What I would have in mind is putting a radio data port on a BPQ32 system (bulletin board and the like) and another radio data port on a client packet software (could be BPQ32 or another) and the user would have the ability to connect to the BPQ32 server for bulletins and the like. I have not seen anything that indicates that the data portion of the D-star radios acts like a KISS modem, so that is where I am having questions. Perhaps the virtual KISS TNC in BPQ32 is the answer?

Thanks in advance for your assistance!

Jeff Scoville AE5ME

10635. RE: dstar node with existing dstar radio.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-22 00:42:40 UTC
From: <jasdjensen@...>
Topic: 10627 Message: 10635

Thanks for the replies guys. It has helped me understand how things work.

Jason

---In gmsk_dv_node@yahoogroups.com, <john@...> wrote:

Hi Jason,

If you still live in Herriman, you have several Utah Repeaters. KF6RAL is on Farnsworth and WA7GIE is a little further south (I forget which peak), both of which should be easy from Herriman) There is also one in Lehi.

To answer your question. If you just want to operate from your computer, get a DVDongle (no radios involved).

An 880H can be used as a hot-spot, but its a shame to dedicate it to hotspot duty when there are a lot of inexpensive FM radios (must have 9600 packet port, or true FM with access to discriminator and modulator access). A 'hotspot' requires a D-STAR radio in DV mode to talk to the hotspot (e.g. if you use the 880h as a hotspot, you will need a second D-STAR radio).

The Pi will run a hotspot or repeater just fine. You can use a node adapter or dvrptr (V1) device, they cost around $100 and go between the Pi and the radio you are using for the hotspot. This will give you a coverage area as big as your antenna will cover. If you just want something around your house/yard, you can also look at a DVAP.

For software, I recommend the G4KLX ircddbgateway + repeater.

Groups to join to help.

https://groups.google.com/forum/#!forum/utah-d-star-users

http://groups.yahoo.com/neo/groups/ircDDBGateway/files/Documentation
http://groups.yahoo.com/neo/groups/pcrepeatercontroller/files/Documentation

I recommend the DL5DI install method as documented in the above Yahoo! groups.

KF6RAL http://dstarusers.org/viewrepeater.php?system=KF6RAL Salt Lake City UT 145.12500MHz -0.600 448.07500MHz -5.000 1287.00000MHz -12.000 WA7GIE http://dstarusers.org/viewrepeater.php?system=WA7GIE Salt Lake UT 147.38000MHz +0.600 448.72500MHz -5.000 NU7TS http://dstarusers.org/viewrepeater.php?system=NU7TS Wellsville UT 449.57500MHz -5.000 KF7YIX http://dstarusers.org/viewrepeater.php?system=KF7YIX Saint George UT 145.15000MHz +0.600 447.95000MHz +5.000 1299.25000MHz KC7WST http://dstarusers.org/viewrepeater.php?system=KC7WST Saratoga Springs UT 447.05000MHz -5.000 K7YI http://dstarusers.org/viewrepeater.php?system=K7YI Price / Cedar Mtn Utah 448.07500MHz -5.000 REF029 http://dstarusers.org/viewrepeater.php?system=REF029 Utah AC7O http://dstarusers.org/viewrepeater.php?system=AC7O Logan Utah 145.15000MHz -0.600 447.97500MHz -5.000 1299.75000MHz KO7SLC

http://dstarusers.org/viewrepeater.php?system=KO7SLC Salt Lake County Utah 145.15000MHz -0.600 447.95000MHz -5.000 1298.75000MHz WR7AAA
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10636. GM300 & MaxTrac cable adapter

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-22 13:05:41 UTC
From: J. M. Moen
Topic: 10636 Message: 10636

John KD5U told me about a new product from Argent Data Systems. If you already have a GMSK Modem cable that connects your modem to a standard 6 pin mini DIN socket, this adapter lets you connect that cable to a Motorola 16 pin accessory connector, as found on GM300s and MaxTracs.

The product is called "GM300 Mini-Din Adapter". It's currently available for $9 from https://www.argentdata.com/catalog/product_info.php?products_id=169.

It wasn't made for GMSK Modem service, but a small mod to the TX Audio line does the trick for us. I've documented the mod and uploaded the pdf file to this group's Files > Cables directory at http://groups.yahoo.com/neo/groups/gmsk_dv_node/files/Cables. The file is called "ModArgentGM300Adapter.pdf".

I'm waiting for permission from Argent to let me post the adapter's schematic, but the above doc has photos to describe the mod. I will add the schematic when I receive permission.

Jim - K6JM

10637. STAR USB driver not signed

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-22 21:36:17 UTC
From: Kent Hufford
Topic: 10637 Message: 10637

I have my STAR board working great on my laptop with Windows 7, 32 bit with DVAR HotSpot.

I want to use the STAR board on my Windows 8.1, 64bit PC.

I installed the DVAR HOTSpot, plugged in the STAR board, and of course the software did not find the STAR board.

I downloaded the USB driver set from the files section. Tried installing it, will not install the driver because it is not signed.

Is there a signed driver out there?

Thanks,

Kent

10638. Re: [gmsk_dv_node] STAR USB driver not signed

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-22 21:45:30 UTC
From: David Webb
Topic: 10637 Message: 10638

Kent,

I think this page will help you with that.

http://www.k6jm.com/hs-setupnatoolswin8.htm

Dave-KB1PVH

On Fri, Nov 22, 2013 4:36 PM EST Kent Hufford wrote:

>I have my STAR board working great on my laptop with Windows 7, 32 bit with DVAR HotSpot.
>
>
>
>I want to use the STAR board on my Windows 8.1, 64bit PC.
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>I installed the DVAR HOTSpot, plugged in the STAR board, and of course the software did not find the STAR board.
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>Is there a signed driver out there?
>
>
>
>Thanks,
>
>Kent
>

10639. RE: [gmsk_dv_node] STAR USB driver not signed

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-22 22:04:53 UTC
From: Kent Hufford
Topic: 10637 Message: 10639

Well... I have Windows 8.1

When I follow the below instructions, I get to Click "General".. there is no GENERAL or anything near it.

Thanks.

Kent

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of David Webb
Sent: Friday, November 22, 2013 4:46 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] STAR USB driver not signed

Kent,

I think this page will help you with that.

http://www.k6jm.com/hs-setupnatoolswin8.htm

Dave-KB1PVH

On Fri, Nov 22, 2013 4:36 PM EST Kent Hufford wrote:

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>I downloaded the USB driver set from the files section. Tried installing it, will not install the driver because it is not signed.
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>
>Is there a signed driver out there?
>

>
>
>Thanks,
>
>Kent
>

10640. RE: [gmsk_dv_node] STAR USB driver not signed

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-22 22:20:34 UTC
From: David Webb
Topic: 10637 Message: 10640

Check out this thread about Windows 8.1

http://groups.yahoo.com/neo/groups/gmsk_dv_node/conversations/messages/10603

Dave-KB1PVH

On Fri, Nov 22, 2013 5:04 PM EST Kent Hufford wrote:

>Well... I have Windows 8.1
>
>
>
>When I follow the below instructions, I get to Click "General".. there is no
>GENERAL or anything near it.
>
>
>
>Thanks.
>
>Kent
>
>
>
>From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
>Behalf Of David Webb
>Sent: Friday, November 22, 2013 4:46 PM
>To: gmsk_dv_node@yahoogroups.com
>Subject: Re: [gmsk_dv_node] STAR USB driver not signed
>
>
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>Kent,
>
>I think this page will help you with that.
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>http://www.k6jm.com/hs-setupnatoolswin8.htm
>
>Dave-KB1PVH
>
>
>---
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>

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>it, will not install the driver because it is not signed.
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>>Is there a signed driver out there?
>>
>>
>>
>>Thanks,
>>
>>Kent
>>
>
>
>

10641. RE: [gmsk_dv_node] STAR USB driver not signed

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-22 22:20:12 UTC
From: Kent Hufford
Topic: 10637 Message: 10641

GOOGLE is a wonderful place.

Found the NEW instructions for enabling unsigned drivers in Windows 8.1

Installed the driver, and DVAR HotSpot works great.

Maybe now I can get all the 3rd party junk add-on software running for my FLEX!

Thanks

Kent

KQ4KK

From: Kent Hufford [mailto:khufford@...]
Sent: Friday, November 22, 2013 5:05 PM
To: 'gmsk_dv_node@yahoogroups.com'
Subject: RE: [gmsk_dv_node] STAR USB driver not signed

Well... I have Windows 8.1

When I follow the below instructions, I get to Click "General".. there is no GENERAL or anything near it.

Thanks.

Kent

From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com> [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of David Webb
Sent: Friday, November 22, 2013 4:46 PM
To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>
Subject: Re: [gmsk_dv_node] STAR USB driver not signed

Kent,

I think this page will help you with that.

http://www.k6jm.com/hs-setupnatoolswin8.htm

Dave-KB1PVH

On Fri, Nov 22, 2013 4:36 PM EST Kent Hufford wrote:

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>

>
>
>I want to use the STAR board on my Windows 8.1, 64bit PC.
>
>
>
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it, will not install the driver because it is not signed.
>
>
>
>Is there a signed driver out there?
>
>
>
>Thanks,
>
>Kent
>

10642. RE: [gmsk_dv_node] STAR USB driver not signed

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-23 04:01:33 UTC
From: J. M. Moen
Topic: 10637 Message: 10642

Our gmsk_dv_node Yahoo Group now has its own FAQ page -
http://www.gmskdvnode.info/

I've added how to learn about disabling driver signing for Win 8.1 users to that FAQ page. Thanks David KB1PVH for the info and to Kent KQ4KK for the comments.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Kent Hufford
Sent: Friday, November 22, 2013 2:20 PM
To: gmsk_dv_node@yahoogroups.com
Cc: tomkohli@...; k8mlm@...
Subject: RE: [gmsk_dv_node] STAR USB driver not signed
GOOGLE is a wonderful place.
Found the NEW instructions for enabling unsigned drivers in Windows 8.1
Installed the driver, and DVAR HotSpot works great.
Maybe now I can get all the 3rd party junk add-on software running for my FLEX!
Thanks
Kent
KQ4KK

10643. RE: Re: [gmsk_dv_node] Anyone using the Yaesu FT-7900R

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-24 17:54:27 UTC
From: <n4hyk@...>
Topic: 10624 Message: 10643

HELP!!! , First...thanks Tom for your reply about the FT-7900R. I've got the radio and board and a laptop running using Windows Vista w/all service packs. The system seems to be talking to each other but not getting out to the internet. Can someone PLEASE give me a CLUE. HELP!!!!
PS ... I HAVE BEEN WORKING ON THIS FOR 3 STRAIGHT DAYS NOW!
Thanks in advance for any help. Dock/n4hyk

---In gmsk_dv_node@yahoogroups.com, <tdko@...> wrote:

FT-7900 Radio settings, 9600 baud. Simplex. Mode: FM. I use 446.375 here.

On my ID-51A settings. Freq: 446.375. CQCQCQ. Mode: DV

Tom. WA4TE. 73's

On Nov 19, 2013, at 9:17 PM, "R. Niles Vaught" <nvaught@... mailto:nvaught@...> wrote:

Dock, GE; Yes I am using the Yaesu FT-7900R with a Star*Board and the cable provided. It works great.

Niles
K4RNV

From: Dock Edwards <n4hyk@... mailto:n4hyk@...>
To: gmsk_dv_node@yahoogroups.com mailto:gmsk_dv_node@yahoogroups.com
Cc: n4hyk@... mailto:n4hyk@...
Sent: Tuesday, November 19, 2013 8:27 PM
Subject: [gmsk_dv_node] Anyone using the Yaesu FT-7900R

Hello,is there anyone using the (Yaesu FT-7900R) with the
(Star*Board GMSK Node Adapter Radio Cable (DSUB9 to Mini DIN6) connects Star Board to most Yaesu/ICOM/Kenwood/other radios with 6 pin Mini DIN Data jack)?
Thanks for any info on using the FT-7900R with the cable that comes with the MoenComm Board for Yaesu 6 pin mini din Data jack ?
Dock/n4hyk

This email is free from viruses and malware because avast! Antivirus http://www.avast.com/ protection is active.

10644. RE: Re: [gmsk_dv_node] Anyone using the Yaesu FT-7900R

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-24 19:23:32 UTC
From: Don Woodward
Topic: 10624 Message: 10644

You didn’t mention which software you are using but if you are using “N4HYK A” in your software you have to register the “A” extension in the DSTAR network under terminals – if you are using “N4HYK B” in your software you have to register the “B” extension. You currently only have “N4HYK” registered.

73’s

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of n4hyk@...
Sent: Sunday, November 24, 2013 12:54 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: Re: [gmsk_dv_node] Anyone using the Yaesu FT-7900R

HELP!!! , First...thanks Tom for your reply about the FT-7900R. I've got the radio and board and a laptop running using Windows Vista w/all service packs. The system seems to be talking to each other but not getting out to the internet. Can someone PLEASE give me a CLUE. HELP!!!!
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To: gmsk_dv_node@yahoogroups.com
Cc: n4hyk@...
Sent: Tuesday, November 19, 2013 8:27 PM
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Radio Cable (DSUB9 to Mini DIN6) connects Star Board to most Yaesu/ICOM/Kenwood/other radios with 6 pin Mini DIN Data jack)?
Thanks for any info on using the FT-7900R with the cable that comes with the MoenComm Board for Yaesu 6 pin mini din Data jack ?
Dock/n4hyk

<http://www.avast.com/>
This email is free from viruses and malware because avast! Antivirus
<http://www.avast.com/> protection is active.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6857 - Release Date: 11/22/13

10645. Re: Re: [gmsk_dv_node] Anyone using the Yaesu FT-7900R

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-24 22:19:13 UTC
From: Dock Edwards
Topic: 10624 Message: 10645

Thanks Don;
It maybe that I'm not using any software except the NATools that I installed before I plugged the board into the USB port.
What software should I install? Is it WinDv ?
Thanks ... Dock/n4hyk
----- Original Message -----
From: Don Woodward
To: gmsk_dv_node@yahoogroups.com
Cc: n4hyk@...
Sent: Sunday, November 24, 2013 2:23 PM
Subject: RE: Re: [gmsk_dv_node] Anyone using the Yaesu FT-7900R

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73’s

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of n4hyk@netzero.net
Sent: Sunday, November 24, 2013 12:54 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: Re: [gmsk_dv_node] Anyone using the Yaesu FT-7900R

HELP!!! , First...thanks Tom for your reply about the FT-7900R. I've got the radio and board and a laptop running using Windows Vista w/all service packs. The system seems to be talking to each other but not getting out to the internet. Can someone PLEASE give me a CLUE. HELP!!!!

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Thanks for any info on using the FT-7900R with the cable that comes with the MoenComm Board for Yaesu 6 pin mini din Data jack ?

Dock/n4hyk

This email is free from viruses and malware because avast! Antivirus protection is active.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3629/6857 - Release Date: 11/22/13

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

10646. RE: Re: [gmsk_dv_node] Anyone using the Yaesu FT-7900R

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-24 23:07:48 UTC
From: Don Woodward
Topic: 10624 Message: 10646

Cock:

WinDV is a excellent choice for Windows.

Don
KD4APP

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Dock Edwards
Sent: Sunday, November 24, 2013 5:19 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: Re: [gmsk_dv_node] Anyone using the Yaesu FT-7900R

☐
Thanks Don;
It maybe that I'm not using any software except the NATools that I installed before I plugged the board into the USB port.
What software should I install? Is it WinDv ?
Thanks ... Dock/n4hyk
----- Original Message -----
From: Don Woodward <mailto:dbwoodw@earthlink.net>
To: gmsk_dv_node@yahoogroups.com
Cc: n4hyk@...
Sent: Sunday, November 24, 2013 2:23 PM
Subject: RE: Re: [gmsk_dv_node] Anyone using the Yaesu FT-7900R

You didn’t mention which software you are using but if you are using “N4HYK A” in your software you have to register the “A” extension in the DSTAR network under terminals – if you are using “N4HYK B” in your software you have to register the “B” extension. You currently only have “N4HYK” registered.
73’s
From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of n4hyk@...
Sent: Sunday, November 24, 2013 12:54 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: Re: [gmsk_dv_node] Anyone using the Yaesu FT-7900R

HELP!!! , First...thanks Tom for your reply about the FT-7900R. I've got the radio and board and a laptop running using Windows Vista w/all service packs. The system seems to be talking to each other but not getting out to the internet. Can someone PLEASE give me a CLUE. HELP!!!!
PS ... I HAVE BEEN WORKING ON THIS FOR 3 STRAIGHT DAYS NOW!
Thanks in advance for any help. Dock/n4hyk

---In gmsk_dv_node@yahoogroups.com, <tdko@...> wrote:
FT-7900 Radio settings, 9600 baud. Simplex. Mode: FM. I use 446.375 here.

On my ID-51A settings. Freq: 446.375. CQCQCQ. Mode: DV
Tom. WA4TE. 73's
On Nov 19, 2013, at 9:17 PM, "R. Niles Vaught" <nvaught@...> wrote:

Dock, GE; Yes I am using the Yaesu FT-7900R with a Star*Board and the cable provided. It works great.

Niles
K4RNV

From: Dock Edwards <n4hyk@...>
To: gmsk_dv_node@yahoogroups.com
Cc: n4hyk@...
Sent: Tuesday, November 19, 2013 8:27 PM
Subject: [gmsk_dv_node] Anyone using the Yaesu FT-7900R

Hello,is there anyone using the (Yaesu FT-7900R) with the
(

Star*Board GMSK Node Adapter
[ ]

Radio Cable (DSUB9 to Mini DIN6) connects Star Board to most Yaesu/ICOM/Kenwood/other radios with 6 pin Mini DIN Data jack)?
Thanks for any info on using the FT-7900R with the cable that comes with the MoenComm Board for Yaesu 6 pin mini din Data jack ?
Dock/n4hyk

<http://www.avast.com/>
This email is free from viruses and malware because avast! Antivirus
<http://www.avast.com/> protection is active.
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Version: 2014.0.4158 / Virus Database: 3629/6857 - Release Date: 11/22/13

10647. RE: Re: [gmsk_dv_node] Anyone using the Yaesu FT-7900R

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-26 05:11:00 UTC
From: J. M. Moen
Topic: 10624 Message: 10647

Dock,

I just sent you a direct email. I suggest you check out my web page “Building a D-Star Compatible Hotspot” at http://www.k6jm.com/hs-setup.htm.

You’ve already done Steps 2, 3 and 4. Take a look at Step 1, then head to Step 5. Hopefully that will get you going.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Dock Edwards
Sent: Sunday, November 24, 2013 2:19 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: Re: [gmsk_dv_node] Anyone using the Yaesu FT-7900R
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Thanks Don;
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What software should I install? Is it WinDv ?
Thanks ... Dock/n4hyk
----- Original Message -----
From: Don Woodward <mailto:dbwoodw@...>
To: gmsk_dv_node@yahoogroups.com
Cc: n4hyk@...
Sent: Sunday, November 24, 2013 2:23 PM
Subject: RE: Re: [gmsk_dv_node] Anyone using the Yaesu FT-7900R

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From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of n4hyk@...
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PS ... I HAVE BEEN WORKING ON THIS FOR 3 STRAIGHT DAYS NOW!
Thanks in advance for any help. Dock/n4hyk

10648. Re: [gmsk_dv_node] Anyone using the Yaesu FT-7900R

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-26 05:33:11 UTC
From: Tom Kohli
Topic: 10624 Message: 10648

Use NAWinConfig to set Tx on, Rx off, then very carefilly adjust the R1 and R2 pots, starting with both oh them in their median positions then use NAWinTest following Jim Moen's instructions. My IC-51A, I use freq 446.375 (same as on Yaesu FT-7900R) simplex, CQCQCQ.

The Pot adjusting is the critical trick. I was lucky, the factory settings were all set right on the money.

Tom. WA4TE. 73's

> On Nov 24, 2013, at 12:54 PM, <n4hyk@netzero.net> wrote:
>
> HELP!!! , First...thanks Tom for your reply about the FT-7900R. I've got the radio and board and a laptop running using Windows Vista w/all service packs. The system seems to be talking to each other but not getting out to the internet. Can someone PLEASE give me a CLUE. HELP!!!!
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> PS ... I HAVE BEEN WORKING ON THIS FOR 3 STRAIGHT DAYS NOW!
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> Thanks in advance for any help. Dock/n4hyk
>
>
>
> ---In gmsk_dv_node@yahoogroups.com, <tdko@...> wrote:
>
> FT-7900 Radio settings, 9600 baud. Simplex. Mode: FM. I use 446.375 here.
>
> On my ID-51A settings. Freq: 446.375. CQCQCQ. Mode: DV
>
> Tom. WA4TE. 73's
>
> On Nov 19, 2013, at 9:17 PM, "R. Niles Vaught" <nvaught@...> wrote:
>
>>
>> Dock, GE; Yes I am using the Yaesu FT-7900R with a Star*Board and the cable provided. It works great.
>>
>> Niles
>> K4RNV
>>
>>
>> From: Dock Edwards <n4hyk@...>
>> To: gmsk_dv_node@yahoogroups.com
>> Cc: n4hyk@...
>> Sent: Tuesday, November 19, 2013 8:27 PM
>> Subject: [gmsk_dv_node] Anyone using the Yaesu FT-7900R

>>
>>
>> Hello,is there anyone using the (Yaesu FT-7900R) with the
>> (
>> Star*Board GMSK Node Adapter
>> Radio Cable (DSUB9 to Mini DIN6) connects Star Board to most Yaesu/ICOM/Kenwood/other radios with 6 pin Mini DIN Data jack)?
>> Thanks for any info on using the FT-7900R with the cable that comes with the MoenComm Board for Yaesu 6 pin mini din Data jack ?
>> Dock/n4hyk
>>
>>
>>
>> This email is free from viruses and malware because avast! Antivirus protection is active.
>>
>>
>>
>
>

10649. Re: [gmsk_dv_node] Anyone using the Yaesu FT-7900R

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-26 05:40:03 UTC
From: Tom Kohli
Topic: 10624 Message: 10649

Also USE the USB port ON your RADIO not on a hub,

Tom

> On Nov 26, 2013, at 12:11 AM, "J. M. Moen" <jim@...> wrote:
>
> Dock,
>
> I just sent you a direct email. I suggest you check out my web page “Building a D-Star Compatible Hotspot” at http://www.k6jm.com/hs-setup.htm.
>
> You’ve already done Steps 2, 3 and 4. Take a look at Step 1, then head to Step 5. Hopefully that will get you going.
>
> Jim – K6JM
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Dock Edwards
> Sent: Sunday, November 24, 2013 2:19 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: Re: Re: [gmsk_dv_node] Anyone using the Yaesu FT-7900R
>
> □
>
> Thanks Don;
>
> It maybe that I'm not using any software except the NATools that I installed before I plugged the board into the USB port.
>
> What software should I install? Is it WinDv ?
>
> Thanks ... Dock/n4hyk
>
> ----- Original Message -----
>
> From: Don Woodward
>
> To: gmsk_dv_node@yahoogroups.com
>
> Cc: n4hyk@...
>
> Sent: Sunday, November 24, 2013 2:23 PM
>
> Subject: RE: Re: [gmsk_dv_node] Anyone using the Yaesu FT-7900R
>
>

>
>
> You didn’t mention which software you are using but if you are using “N4HYK A” in your software you have to register the “A” extension in the DSTAR network under terminals – if you are using “N4HYK B” in your software you have to register the “B” extension. You currently only have “N4HYK” registered.
>
> 73’s
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of n4hyk@...
> Sent: Sunday, November 24, 2013 12:54 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: RE: Re: [gmsk_dv_node] Anyone using the Yaesu FT-7900R
>
>
>
> HELP!!! , First...thanks Tom for your reply about the FT-7900R. I've got the radio and board and a laptop running using Windows Vista w/all service packs. The system seems to be talking to each other but not getting out to the internet. Can someone PLEASE give me a CLUE. HELP!!!!
>
> PS ... I HAVE BEEN WORKING ON THIS FOR 3 STRAIGHT DAYS NOW!
>
> Thanks in advance for any help. Dock/n4hyk
>
>

10650. Re: [gmsk_dv_node] Anyone using the Yaesu FT-7900R

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-26 05:55:13 UTC
From: Tom Kohli
Topic: 10624 Message: 10650

Correction I meant TxInv on and RxInv off and the R1 and R36 pots .....

Tom

> On Nov 26, 2013, at 12:33 AM, Tom Kohli <tdko@...> wrote:
>
> Use NAWinConfig to set Tx on, Rx off, then very carefilly adjust the R1 and R2 pots, starting with both oh them in their median positions then use NAWinTest following Jim Moen's instructions. My IC-51A, I use freq 446.375 (same as on Yaesu FT-7900R) simplex, CQCQCQ.
>
> The Pot adjusting is the critical trick. I was lucky, the factory settings were all set right on the money.
>
> Tom. WA4TE. 73's
>
>
>
>
>> On Nov 24, 2013, at 12:54 PM, <n4hyk@...> wrote:
>>
>>
>> HELP!!! , First...thanks Tom for your reply about the FT-7900R. I've got the radio and board and a laptop running using Windows Vista w/all service packs. The system seems to be talking to each other but not getting out to the internet. Can someone PLEASE give me a CLUE. HELP!!!!
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>> PS ... I HAVE BEEN WORKING ON THIS FOR 3 STRAIGHT DAYS NOW!
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>> Thanks in advance for any help. Dock/n4hyk
>>
>>
>>
>> ---In gmsk_dv_node@yahoogroups.com, <tdko@...> wrote:
>>
>> FT-7900 Radio settings, 9600 baud. Simplex. Mode: FM. I use 446.375 here.
>>
>> On my ID-51A settings. Freq: 446.375. CQCQCQ. Mode: DV
>>
>> Tom. WA4TE. 73's
>>
>> On Nov 19, 2013, at 9:17 PM, "R. Niles Vaught" <nvaught@...> wrote:
>>
>>>
>>> Dock, GE; Yes I am using the Yaesu FT-7900R with a Star*Board and the cable provided.

It works great.
>>>
>>> Niles
>>> K4RNV
>>>
>>>
>>> From: Dock Edwards <n4hyk@...>
>>> To: gmsk_dv_node@yahoogroups.com
>>> Cc: n4hyk@...
>>> Sent: Tuesday, November 19, 2013 8:27 PM
>>> Subject: [gmsk_dv_node] Anyone using the Yaesu FT-7900R
>>>
>>>
>>> Hello,is there anyone using the (Yaesu FT-7900R) with the
>>> (
>>> Star*Board GMSK Node Adapter
>>> Radio Cable (DSUB9 to Mini DIN6) connects Star Board to most Yaesu/ICOM/Kenwood/other radios with 6 pin Mini DIN Data jack)?
>>> Thanks for any info on using the FT-7900R with the cable that comes with the MoenComm Board for Yaesu 6 pin mini din Data jack ?
>>> Dock/n4hyk
>>>
>>>
>>>
>>> This email is free from viruses and malware because avast! Antivirus protection is active.
>
>

10651. Re: [gmsk_dv_node] Anyone using the Yaesu FT-7900R

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-26 09:00:09 UTC
From: Tom Kohli
Topic: 10624 Message: 10651

> On Nov 26, 2013, at 12:40 AM, Tom Kohli <tdko@...> wrote:
>
> Also USE the USB rport ON your RADIO not on a hub,
> Tom
>
>> On Nov 26, 2013, at 12:11 AM, "J. M. Moen" <jim@...> wrote:
>>
>> CORRECTION. I MEANT. ON YOUR PC NOT A HUB PLUGED INTO THE PC.
>>

Sorry Tomo
>> Dock,
>>
>> I just sent you a direct email. I suggest you check out my web page “Building a D-Star Compatible Hotspot” at http://www.k6jm.com/hs-setup.htm.
>>
>> You’ve already done Steps 2, 3 and 4. Take a look at Step 1, then head to Step 5. Hopefully that will get you going.
>>
>> Jim – K6JM
>>
>> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Dock Edwards
>> Sent: Sunday, November 24, 2013 2:19 PM
>> To: gmsk_dv_node@yahoogroups.com
>> Subject: Re: Re: [gmsk_dv_node] Anyone using the Yaesu FT-7900R
>>
>> □
>>
>> Thanks Don;
>>
>> It maybe that I'm not using any software except the NATools that I installed before I plugged the board into the USB port.
>>
>> What software should I install? Is it WinDv ?
>>
>> Thanks ... Dock/n4hyk
>>
>> ----- Original Message -----
>>
>> From: Don Woodward
>>
>> To: gmsk_dv_node@yahoogroups.com
>>
>> Cc: n4hyk@netzero.net
>>

>> Sent: Sunday, November 24, 2013 2:23 PM
>>
>> Subject: RE: Re: [gmsk_dv_node] Anyone using the Yaesu FT-7900R
>>
>>
>>
>>
>> You didn’t mention which software you are using but if you are using “N4HYK A” in your software you have to register the “A” extension in the DSTAR network under terminals – if you are using “N4HYK B” in your software you have to register the “B” extension. You currently only have “N4HYK” registered.
>>
>> 73’s
>>
>> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of n4hyk@netzero.net
>> Sent: Sunday, November 24, 2013 12:54 PM
>> To: gmsk_dv_node@yahoogroups.com
>> Subject: RE: Re: [gmsk_dv_node] Anyone using the Yaesu FT-7900R
>>
>>
>>
>> HELP!!! , First...thanks Tom for your reply about the FT-7900R. I've got the radio and board and a laptop running using Windows Vista w/all service packs. The system seems to be talking to each other but not getting out to the internet. Can someone PLEASE give me a CLUE. HELP!!!!
>>
>> PS ... I HAVE BEEN WORKING ON THIS FOR 3 STRAIGHT DAYS NOW!
>>
>> Thanks in advance for any help. Dock/n4hyk
>>
>
>

10652. Re: [gmsk_dv_node] Anyone using the Yaesu FT-7900R

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-27 03:50:53 UTC
From: Dock Edwards
Topic: 10624 Message: 10652

Thank you very much Tom , I think this is the critical information I was missing. I knew the info is there somewhere but it is just so much info. Anyway , I think it is working now and it might need some minor adjustments, but you and Jim have got me on the correct path now.
Thanks again for your help Tom.
Dock/n4hyk
----- Original Message -----
From: Tom Kohli
To: gmsk_dv_node@yahoogroups.com
Sent: Tuesday, November 26, 2013 12:55 AM
Subject: Re: [gmsk_dv_node] Anyone using the Yaesu FT-7900R

Correction I meant TxInv on and RxInv off and the R1 and R36 pots ......

Tom

On Nov 26, 2013, at 12:33 AM, Tom Kohli <tdko@...> wrote:

Use NAWinConfig to set Tx on, Rx off, then very carefilly adjust the R1 and R2 pots, starting with both oh them in their median positions then use NAWinTest following Jim Moen's instructions. My IC-51A, I use freq 446.375 (same as on Yaesu FT-7900R) simplex, CQCQCQ.

The Pot adjusting is the critical trick. I was lucky, the factory settings were all set right on the money.

Tom. WA4TE. 73's

On Nov 24, 2013, at 12:54 PM, <n4hyk@...> wrote:

HELP!!! , First...thanks Tom for your reply about the FT-7900R. I've got the radio and board and a laptop running using Windows Vista w/all service packs. The system seems to be talking to each other but not getting out to the internet. Can someone PLEASE give me a CLUE. HELP!!!!

PS ... I HAVE BEEN WORKING ON THIS FOR 3 STRAIGHT DAYS NOW!

Thanks in advance for any help. Dock/n4hyk

---In gmsk_dv_node@yahoogroups.com, <tdko@...> wrote:

FT-7900 Radio settings, 9600 baud. Simplex. Mode: FM. I use 446.375 here.

On my ID-51A settings. Freq: 446.375. CQCQCQ. Mode: DV

Tom. WA4TE. 73's

On Nov 19, 2013, at 9:17 PM, "R. Niles Vaught" <nvaught@...> wrote:

Dock, GE; Yes I am using the Yaesu FT-7900R with a Star*Board and the cable provided. It works great.

Niles
K4RNV

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To: gmsk_dv_node@yahoogroups.com
Cc: n4hyk@...
Sent: Tuesday, November 19, 2013 8:27 PM
Subject: [gmsk_dv_node] Anyone using the Yaesu FT-7900R

Hello,is there anyone using the (Yaesu FT-7900R) with the
(Star*Board GMSK Node Adapter
Radio Cable (DSUB9 to Mini DIN6) connects Star Board to most Yaesu/ICOM/Kenwood/other radios with 6 pin Mini DIN Data jack)?
Thanks for any info on using the FT-7900R with the cable that comes with the MoenComm Board for Yaesu 6 pin mini din Data jack ?
Dock/n4hyk

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http://www.avast.com

10653. Re: Re: [gmsk_dv_node] Anyone using the Yaesu FT-7900R

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-27 03:58:22 UTC
From: Dock Edwards
Topic: 10624 Message: 10653

Thanks Jim;
for the reply and help on this project here. Between you and Tom, I think I have it working now. It sure is good to know that you really give good support and I thank you.
Dock/n4hyk
----- Original Message -----
From: J. M. Moen
To: gmsk_dv_node@yahoogroups.com
Sent: Tuesday, November 26, 2013 12:11 AM
Subject: RE: Re: [gmsk_dv_node] Anyone using the Yaesu FT-7900R

Dock,

I just sent you a direct email. I suggest you check out my web page “Building a D-Star Compatible Hotspot” at http://www.k6jm.com/hs-setup.htm.

You’ve already done Steps 2, 3 and 4. Take a look at Step 1, then head to Step 5. Hopefully that will get you going.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Dock Edwards
Sent: Sunday, November 24, 2013 2:19 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: Re: [gmsk_dv_node] Anyone using the Yaesu FT-7900R

☐

Thanks Don;

It maybe that I'm not using any software except the NATools that I installed before I plugged the board into the USB port.

What software should I install? Is it WinDv ?

Thanks ... Dock/n4hyk

----- Original Message -----

From: Don Woodward

To: gmsk_dv_node@yahoogroups.com

Cc: n4hyk@...

Sent: Sunday, November 24, 2013 2:23 PM

Subject: RE: Re: [gmsk_dv_node] Anyone using the Yaesu FT-7900R

You didn’t mention which software you are using but if you are using “N4HYK A” in your software you have to register the “A” extension in the DSTAR network under terminals – if you are using “N4HYK B” in your software you have to register the “B” extension. You currently only have “N4HYK” registered.

73’s

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of n4hyk@...
Sent: Sunday, November 24, 2013 12:54 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: Re: [gmsk_dv_node] Anyone using the Yaesu FT-7900R

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PS ... I HAVE BEEN WORKING ON THIS FOR 3 STRAIGHT DAYS NOW!

Thanks in advance for any help. Dock/n4hyk

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http://www.avast.com

10654. WinDV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-28 01:23:16 UTC
From: Jeffrey Potteiger
Topic: 6799 Message: 10654

Does anyone have a working copy of WinDV? I have tried versions 1.5.3 and 1.5.5 and the XREFlectors do not work. They hear me but I dont hear them. Im trying to get it to work on a DVdongel and then on a Mini HotSpot board using Dutch Star firmware.

The Dutch Star site does not list the only working version i heard of and that was version 1.5.2.

Can anyone shed any light?

Jeff

10655. XRF Reflector List

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-28 01:31:00 UTC
From: <rkbuxton@...>
Topic: 10655 Message: 10655

I need a list of the XRF reflectors so that I may program the memory channels of my ID-800.

If anyone can provide a link or send me said list that would be great.

Thanks

10656. Re: [gmsk_dv_node] WinDV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-28 01:56:21 UTC
From: Donald Jacob
Topic: 6799 Message: 10656

Have you emailed Dutch*Star with that question?

Don WB5EKU

On Wed, Nov 27, 2013 at 5:23 PM, Jeffrey Potteiger <jpotteiger@...>wrote:

>
>
> Does anyone have a working copy of WinDV? I have tried versions 1.5.3 and
> 1.5.5 and the XREFlectors do not work. They hear me but I dont hear them.
> Im trying to get it to work on a DVdongel and then on a Mini HotSpot board
> using Dutch Star firmware.
>
> The Dutch Star site does not list the only working version i heard of and
> that was version 1.5.2.
>
> Can anyone shed any light?
>
> Jeff
>
>

10657. Re: [gmsk_dv_node] WinDV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-11-28 03:33:52 UTC
From: Jeff Potteiger
Topic: 6799 Message: 10657

Don:

I did not e-mail Dutch Star yet. I did get 1.5.
3and1.5.5 to finally work on the XREFLECTORS by setting the Callsign with an A suffix. That did the trick! I can now get on the XREFLECTORS by using either my MINIHOTSPOT or my dvdongel.

Maybe that will help someone else trying to use WinDV ver 1.5.5 on the XREFLECTORS.

Jeff

Sent from my iPad

On Nov 27, 2013, at 8:56 PM, Donald Jacob <wb5eku@...> wrote:

> Have you emailed Dutch*Star with that question?
>
> Don WB5EKU
>
>
>
> On Wed, Nov 27, 2013 at 5:23 PM, Jeffrey Potteiger <jpotteiger@...> wrote:
>
> Does anyone have a working copy of WinDV? I have tried versions 1.5.3 and 1.5.5 and the XREFlectors do not work. They hear me but I dont hear them. Im trying to get it to work on a DVdongel and then on a Mini HotSpot board using Dutch Star firmware.
>
> The Dutch Star site does not list the only working version i heard of and that was version 1.5.2.
>
> Can anyone shed any light?
>
> Jeff
>
>

10659. Post from Laurence Mathews containing web site link WARNING!.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-02 02:02:35 UTC
From: G0NMY
Topic: 10659 Message: 10659

when I click the link I get a warning stating the website is trying to steal my data!

Can this post be deleted?

10660. BeagleBone Black

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-03 01:03:40 UTC
From: <tdko@...>
Topic: 10660 Message: 10660

Has anyone managed to get the Lenix GMSK Repeater Software with the Moen Star*Board running on the BeagleBone Black? I have heard some people are trying. Would be very interested in finding a image file I can burn on a MICROSD card and give it a try.. I got my BBB today. Any info appreciated. TOM WA4TE 73's

10661. RE: BeagleBone Black

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-03 01:16:31 UTC
From: <tdko@...>
Topic: 10660 Message: 10661

Correction: LINUX .. not LENIX

---In gmsk_dv_node@yahoogroups.com, <tdko@...> wrote:

Has anyone managed to get the Lenix GMSK Repeater Software with the Moen Star*Board running on the BeagleBone Black? I have heard some people are trying. Would be very interested in finding a image file I can burn on a MICROSD card and give it a try.. I got my BBB today. Any info appreciated. TOM WA4TE 73's

10662. Re: [gmsk_dv_node] RE: BeagleBone Black

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-03 01:32:12 UTC
From: Donald Jacob
Topic: 10660 Message: 10662

Yes, I have it running on the BeabloBone Black for 4 or 5 months now. Runs great. It fits in the eMMC memory so no need for a SD card (just SD card for installing Debian).

Don
WB5EKU

On Mon, Dec 2, 2013 at 5:16 PM, <tdko@comcast.net> wrote:

>
>
> Correction: LINUX .. not LENIX
>
>
> ---In gmsk_dv_node@yahoogroups.com, <tdko@...> wrote:
>
> Has anyone managed to get the Lenix GMSK Repeater Software with the Moen
> Star*Board running on the BeagleBone Black? I have heard some people are
> trying. Would be very interested in finding a image file I can burn on a
> MICROSD card and give it a try.. I got my BBB today. Any info
> appreciated. TOM WA4TE 73's
>
>
>

10663. Re: [gmsk_dv_node] RE: BeagleBone Black

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-03 01:56:58 UTC
From: Tom Kohli
Topic: 10660 Message: 10663

Don:

Where could I download what image file? I already have the Moen Star*Board running on the Pi, so I could try it's image file in the BBB. But, it would be a great help if I could get a "working image". I could mail you a 8 GB micro-sd card with a self return address.

In any case, thanks for the information?

Regards: Tom. WA4TE. 73's

> On Dec 2, 2013, at 8:32 PM, Donald Jacob <wb5eku@...> wrote:
>
> Yes, I have it running on the BeabloBone Black for 4 or 5 months now. Runs great. It fits in the eMMC memory so no need for a SD card (just SD card for installing Debian).
>
> Don
> WB5EKU
>
>
>
>> On Mon, Dec 2, 2013 at 5:16 PM, <tdko@comcast.net> wrote:
>>
>> Correction: LINUX .. not LENIX
>>
>>
>>
>> ---In gmsk_dv_node@yahoogroups.com, <tdko@...> wrote:
>>
>> Has anyone managed to get the Lenix GMSK Repeater Software with the Moen Star*Board running on the BeagleBone Black? I have heard some people are trying. Would be very interested in finding a image file I can burn on a MICROSD card and give it a try.. I got my BBB today. Any info appreciated. TOM WA4TE 73's
>
>

10664. BB Black Terminal Connection

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-05 17:13:00 UTC
From: <tdko@...>
Topic: 10664 Message: 10664

I have downloaded the BBB GMSK image file from Ramesh's web site, burned it to a 8 GBu SD, and I am stuck trying to figure out how to connect a terminal to it. Connected the BBB using the USB cable (not the 5V power cable, but then also tried it again with the 5V power cord). Using Windows 7 Device manager found no clue as to what COM Port is used. Searched my router settings and found no "ip" address for the BBB. Tried with, and without, the Moen Star*Board plugged into the BBB. Tried with/without holding down the button on the BBB during boot. I want to highly complement Ramesh's excellent instructions, but cannot figure this one out. Stupid me?
Any help will be deeply appreciated.TOM 73's

10665. Re: [gmsk_dv_node] BB Black Terminal Connection

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-05 18:49:06 UTC
From: Thomas Gernon
Topic: 10664 Message: 10665

You have to use putty or some other ssh software. No USB just the DC plug.

73,
VE3ETG
Thomas Gernnon
On Dec 5, 2013 12:13 PM, <tdko@...> wrote:

>
>
> I have downloaded the BBB GMSK image file from Ramesh's web site, burned
> it to a 8 GBu SD, and I am stuck trying to figure out how to connect a
> terminal to it. Connected the BBB using the USB cable (not the 5V power
> cable, but then also tried it again with the 5V power cord). Using Windows
> 7 Device manager found no clue as to what COM Port is used. Searched my
> router settings and found no "ip" address for the BBB. Tried with, and
> without, the Moen Star*Board plugged into the BBB. Tried with/without
> holding down the button on the BBB during boot. I want to highly
> complement Ramesh's excellent instructions, but cannot figure this one
> out. Stupid me?
> Any help will be deeply appreciated.TOM 73's
>
>

10666. RE: [gmsk_dv_node] BeagleBone Black

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-06 04:44:43 UTC
From: J. M. Moen
Topic: 10660 Message: 10666

As I understand it, Don WB5EKU chose to run the BBB from the onboard eMMC memory. This has been running successfully for several months. He put a Debian installer on a micro SD card, and used that to install Debian on the BBB's memory. He then used the Hans DL5DI APT packages to install the G4KLX GMSKRepeater and ircDDBGateway programs. Info on installing those can be found:
* ircDDBGateway -- http://groups.yahoo.com/neo/groups/ircDDBGateway/files/Documentation <http://groups.yahoo.com/neo/groups/ircDDBGateway/files/Documentation%20> and look at ircDDBGateway-DEB-instructions-ENG-20130430.pdf
* GMSKRepeater -- http://groups.yahoo.com/neo/groups/pcrepeatercontroller/files/Documentation and look at Repeater-DEB-instructions-ENG-20130123.pdf
* Alternatively, go to http://developer.berlios.de/project/showfiles.php?group_id=12952 for the G4KLX downloads and documentation

Adrian VK4TUX has built a BBB micro SD image file that installs Debian and uses Han's G4KLX installs.
Go to http://vk4tux.no-ip.org/info.html and search for the "BeagleBone Black tuxBBBDL5DIauto image" link. Adrian's images contain several nice extras and are worth checking out.

Ramesh VA3UV has built a BBB micro SD image to install FreeStar. Check out http://www.va3uv.com/iso.htm and find the links to the BBB image and the install guide. (FreeStar is built on programs by Scott Lawson KI4KLF. His Open Source was the foundation for G4KLX's programs.)

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of tdko@...
Sent: Monday, December 02, 2013 5:04 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] BeagleBone Black
Has anyone managed to get the Lenix GMSK Repeater Software with the Moen Star*Board running on the BeagleBone Black? I have heard some people are trying. Would be very interested in finding a image file I can burn on a MICROSD card and give it a try.. I got my BBB today. Any info appreciated. TOM WA4TE 73's

10667. Oscilloscope watch

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-06 17:07:50 UTC
From: J. M. Moen
Topic: 10667 Message: 10667

For the engineer who has everything – an oscilloscope watch. “The Oscilloscope Watch is a Mixed Signal Oscilloscope, A Logic Analyzer, A Protocol Sniffer, An Arbitrary Waveform Generator, Component Curve Tracer, and all the functions of a Digital Watch. A few games are being added as well...”

Great YouTube video at http://www.youtube.com/watch?feature=player_embedded&v=wBMdXtvPbZ4

Review of the watch at http://www.gizmag.com/oscilloscope-watch-gabotronics/29796/?utm_source=Gizmag+Subscribers&utm_campaign=52c48fc5f1-UA-2235360-4&utm_medium=email&utm_term=0_65b67362bd-52c48fc5f1-90181849

If the above link fails due to email splitting the lines, just Bing or Google “gizmag oscilloscope watch”. This appears to be a serious development.

Jim – K6JM

10668. STAR USB needs to be flashed

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-07 19:09:26 UTC
From: Kent Hufford
Topic: 10668 Message: 10668

I have a STAR board that says it is V0.1.00F HSFIX

Guess I need to flash it to make it work with the Linux software?

Kent

KQ4KK

10669. RE: [gmsk_dv_node] STAR USB needs to be flashed

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-07 19:36:15 UTC
From: J. M. Moen
Topic: 10668 Message: 10669

Right now, the two main options for Hotspot programs on Linux are FreeStar and the G4KLX programs. I know G4KLX wants a later version of DUTCH*Star firmware than the production version your board has. I think FreeStar has the same requirement. For now, the Beta version firmware will satisfy that requirement.

To speed up the process, I've sent Fred your callsign and license#, and asked that he email you the Beta. I'm sending you're a direct email with info on how to load the firmware file onto your board's PIC chip.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Kent Hufford
Sent: Saturday, December 07, 2013 11:09 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] STAR USB needs to be flashed
I have a STAR board that says it is V0.1.00F HSFIX
Guess I need to flash it to make it work with the Linux software?
Kent
KQ4KK

10670. StarBoard stopped working & problems installing / running natools

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-07 20:55:46 UTC
From: Tim Tucker
Topic: 10670 Message: 10670

I need a little help troubleshooting a couple of problems. I'm not sure what caused this, but the Moencomm Star Board was no longer found by the 64 bit Ubuntu PC it is attached to (running as a repeater). I tried to download both the 64 and 32 bit versions of natools for linux, followed the instructions for installing, but can't get either version of nacfg to run. The error message I get is "nacfg: symbol lookup error: nacfg: undefined symbol: node_setvid". I even tried copying all of the natools files into the /lib folder to make sure it wasn't something so simple.

Next, I figured I would just use the windows version of nacfg. I downloaded by the 32bit and 64bit versions on two different Windows 8.1 machines, ran the install as administrator, but the install just rolls back due to some unspecified error on both machines.

I would prefer to get this running on linux, but I'll take any advice at this point.

As a side note, the Star Board power light is on, but for some reason the PC just can't see it anymore. Any thoughts on what might cause this? It just stopped working all on its own.

Thx,
Tim

10671. RE: [gmsk_dv_node] StarBoard stopped working & problems installing / running natools

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-07 23:45:16 UTC
From: J. M. Moen
Topic: 10670 Message: 10671

On the Windows install, check out our FAQ at http://www.gmskdvnode.info/ -- particularly question 12 regarding installing NATools on Win8.

If you move the jumper on SW3 to the Program pins, then plug in the board (say, to a Windows machine), you should see a new HID (Human Interface Device) appear in Device Manager.

When the Program pins are jumpered, that tells the bootloader to run instead of turning control over to the firmware.

The bootloader is seen by USB as an HID. The firmware, on the other hand, when the NATools driver is installed properly, uses the GMSK Modem driver.

If it doesn't show up as an HID when Program pins are jumpered, it's possible the bootloader may be corrupted. This can happen from RF, lightning strikes, or possibly other magical happenings. It is rare and hopefully that's not your problem. If the bootloader is ok, then the firmware may just need to be reloaded. On Windows, that NAWinCFG.

If the bootloader has gotten corrupted, it can be reloaded onto the PIC chip using a PICkit programmer. If you have access, I can work with you on that. If not, send me the board and I'll use my PICkit programmer.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Tim Tucker
Sent: Saturday, December 07, 2013 12:56 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] StarBoard stopped working & problems installing / running natools

I need a little help troubleshooting a couple of problems. I'm not sure what caused this, but the Moencomm Star Board was no longer found by the 64 bit Ubuntu PC it is attached to (running as a repeater). I tried to download both the 64 and 32 bit versions of natools for linux, followed the instructions for installing, but can't get either version of nacfg to run. The error message I get is "nacfg: symbol lookup error: nacfg: undefined symbol: node_setvid". I even tried copying all of the natools files into the /lib folder to make sure it wasn't something so simple.

Next, I figured I would just use the windows version of nacfg. I downloaded by the 32bit and 64bit versions on two different Windows 8.1 machines, ran the install as administrator, but the install just rolls back due to some unspecified error on both machines.

I would prefer to get this running on linux, but I'll take any advice at this point.

As a side note, the Star Board power light is on, but for some reason the PC just can't see it anymore. Any thoughts on what might cause this? It just stopped working all on its own.

Thx,
Tim

10672. Re: [gmsk_dv_node] StarBoard stopped working & problems installing / running natools

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-08 21:26:22 UTC
From: Tim Tucker
Topic: 10670 Message: 10672

I forgot about the unsigned driver issue on Win 8..got it working now. I still can't get NACFG to work in linux, though.

On windows, I was able to reload the firmware and successfully ran echo tests and rf read tests. Then I attached the board back to the ubuntu linux machine and GMSKModem still reports that it can't find a modem attached at 0x300, even though I checked that it is the proper address in nacfg on the the windows machine. At this point I'm not sure what to do to get it working again on linux. Is it possible that some system update caused this problem all of the sudden? It was working fine until a couple of days ago.

On Sat, Dec 7, 2013 at 3:45 PM, J. M. Moen <jim@...> wrote:

>
>
> On the Windows install, check out our FAQ at
> *http://www.gmskdvnode.info/* <http://www.gmskdvnode.info/> --
> particularly question 12 regarding installing NATools on Win8.
>
> If you move the jumper on SW3 to the Program pins, then plug in the board
> (say, to a Windows machine), you should see a new HID (Human Interface
> Device) appear in Device Manager.
>
> When the Program pins are jumpered, that tells the bootloader to run
> instead of turning control over to the firmware.
>
> The bootloader is seen by USB as an HID. The firmware, on the other hand, when
> the NATools driver is installed properly, uses the GMSK Modem driver.
>
> If it doesn’t show up as an HID when Program pins are jumpered, it’s
> possible the bootloader may be corrupted. This can happen from RF,
> lightning strikes, or possibly other magical happenings. It is rare and
> hopefully that’s not your problem. If the bootloader is ok, then the
> firmware may just need to be reloaded. On Windows, that NAWinCFG.
>
> If the bootloader has gotten corrupted, it can be reloaded onto the PIC
> chip using a PICkit programmer. If you have access, I can work with you on
> that. If not, send me the board and I’ll use my PICkit programmer.
>
> Jim – K6JM
>
> *From:* gmsk_dv_node@yahoogroups.com
[mailto:gmsk_dv_node@yahoogroups.com<gmsk_dv_node@yahoogroups.com>

>]* On Behalf Of* Tim Tucker
> *Sent:* Saturday, December 07, 2013 12:56 PM
> *To:* gmsk_dv_node@yahoogroups.com
> *Subject:* [gmsk_dv_node] StarBoard stopped working & problems installing
> / running natools
>
>
>
> I need a little help troubleshooting a couple of problems. I'm not sure
> what caused this, but the Moencomm Star Board was no longer found by the 64
> bit Ubuntu PC it is attached to (running as a repeater). I tried to
> download both the 64 and 32 bit versions of natools for linux, followed the
> instructions for installing, but can't get either version of nacfg to run.
> The error message I get is "nacfg: symbol lookup error: nacfg: undefined
> symbol: node_setvid". I even tried copying all of the natools files into
> the /lib folder to make sure it wasn't something so simple.
>
> Next, I figured I would just use the windows version of nacfg. I
> downloaded by the 32bit and 64bit versions on two different Windows 8.1
> machines, ran the install as administrator, but the install just rolls back
> due to some unspecified error on both machines.
>
> I would prefer to get this running on linux, but I'll take any advice at
> this point.
>
> As a side note, the Star Board power light is on, but for some reason the
> PC just can't see it anymore. Any thoughts on what might cause this? It
> just stopped working all on its own.
>
> Thx,
>
> Tim
>
>
>

10673. RE: [gmsk_dv_node] StarBoard stopped working & problems installing / running natools

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-08 23:04:35 UTC
From: J. M. Moen
Topic: 10670 Message: 10673

When I had a problem running on x86 Linux, Fred PA4YBR sent me the following:

Several Linux distros screwed up their HID config. So, if an USB device presents itself on the bus as a HID-class device, it will be snagged by the Linux HID driver, making it unavailable to other tools (such as 'naupd' ...)

Do a Google on "linux disable hid" to see where to blacklist the 04d8/0303 USB ID, used by the bootloader. After this is blacklisted to HID (or: just disable the HID driver altogether...) you'll be fine.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Tim Tucker
Sent: Sunday, December 08, 2013 1:26 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] StarBoard stopped working & problems installing / running natools

I forgot about the unsigned driver issue on Win 8..got it working now. I still can't get NACFG to work in linux, though.

On windows, I was able to reload the firmware and successfully ran echo tests and rf read tests. Then I attached the board back to the ubuntu linux machine and GMSKModem still reports that it can't find a modem attached at 0x300, even though I checked that it is the proper address in nacfg on the the windows machine. At this point I'm not sure what to do to get it working again on linux. Is it possible that some system update caused this problem all of the sudden? It was working fine until a couple of days ago.

10674. Re: [gmsk_dv_node] StarBoard stopped working & problems installing / running natools

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-10 04:17:50 UTC
From: Tim Tucker
Topic: 10670 Message: 10674

An update: I rebooted the linux PC a few times (for a variety of reasons) and now gmskrepeater sees the board, even though I really didn't change anything. Jim, I didn't follow through with your last post because I didn't move the jumper before attaching it to the linux box to cause it to be seen as an HID device. The problem now is that as soon as gmskrepeater goes active, it is TX'ing the board over and over again and won't release TX. I had a similar problem with the same PC when it had Windows installed using gmskrepeater. I tried changing the USB cable and even tried inserting a powered USB hub inline and ran the board through that, even though I had the USB cable hooked direct to the PC before. The two common denominators to this problem are the PC and the StarBoard - I'm about to change the PC to see what happens next.

On Sun, Dec 8, 2013 at 3:04 PM, J. M. Moen <jim@k6jm.com> wrote:

>
>
> When I had a problem running on x86 Linux, Fred PA4YBR sent me the
> following:
>
> Several Linux distros screwed up their HID config. So, if an USB device
> presents itself on the bus as a HID-class device, it will be snagged by
> the Linux HID driver, making it unavailable to other tools (such as
> 'naupd' ...)
>
>
>
> Do a Google on "linux disable hid" to see where to blacklist the 04d8/0303
> USB ID, used by the bootloader. After this is blacklisted to HID (or:
> just disable the HID driver altogether...) you'll be fine.
>
> Jim – K6JM
>
> *From:* gmsk_dv_node@yahoogroups.com
[mailto:gmsk_dv_node@yahoogroups.com<gmsk_dv_node@yahoogroups.com>
>]* On Behalf Of* Tim Tucker
> *Sent:* Sunday, December 08, 2013 1:26 PM
> *To:* gmsk_dv_node@yahoogroups.com
> *Subject:* Re: [gmsk_dv_node] StarBoard stopped working & problems
> installing / running natools
>
>
>
> I forgot about the unsigned driver issue on Win 8..got it working now. I

> still can't get NACFG to work in linux, though.
>
> On windows, I was able to reload the firmware and successfully ran echo
> tests and rf read tests. Then I attached the board back to the ubuntu
> linux machine and GMSKModem still reports that it can't find a modem
> attached at 0x300, even though I checked that it is the proper address in
> nacfg on the the windows machine. At this point I'm not sure what to do to
> get it working again on linux. Is it possible that some system update
> caused this problem all of the sudden? It was working fine until a couple
> of days ago.
>
>
>

10675. Re: [gmsk_dv_node] StarBoard stopped working & problems installing / running natools

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-10 04:21:31 UTC
From: Tim Tucker
Topic: 10670 Message: 10675

An additional thing to note after I posted that last message. I just checked gmskrepeater and it is now back to the "cannot find modem at 0x300" message again. So, when it sees the board, it keys it repeatedly, but after a while it stops seeing the board altogether. I'm starting the configuration of the new PC right now.

On Mon, Dec 9, 2013 at 8:17 PM, Tim Tucker <tuckert@...> wrote:

> An update: I rebooted the linux PC a few times (for a variety of reasons)
> and now gmskrepeater sees the board, even though I really didn't change
> anything. Jim, I didn't follow through with your last post because I
> didn't move the jumper before attaching it to the linux box to cause it to
> be seen as an HID device. The problem now is that as soon as gmskrepeater
> goes active, it is TX'ing the board over and over again and won't release
> TX. I had a similar problem with the same PC when it had Windows installed
> using gmskrepeater. I tried changing the USB cable and even tried
> inserting a powered USB hub inline and ran the board through that, even
> though I had the USB cable hooked direct to the PC before. The two common
> denominators to this problem are the PC and the StarBoard - I'm about to
> change the PC to see what happens next.
>
>
> On Sun, Dec 8, 2013 at 3:04 PM, J. M. Moen <jim@...> wrote:
>
>>
>>
>> When I had a problem running on x86 Linux, Fred PA4YBR sent me the
>> following:
>>
>> Several Linux distros screwed up their HID config. So, if an USB device
>> presents itself on the bus as a HID-class device, it will be snagged by
>> the Linux HID driver, making it unavailable to other tools (such as
>> 'naupd' ...)
>>
>>
>>
>> Do a Google on "linux disable hid" to see where to blacklist the
>> 04d8/0303 USB ID, used by the bootloader. After this is blacklisted to
>> HID (or: just disable the HID driver altogether...) you'll be fine.
>>
>> Jim – K6JM
>>
>> *From:* gmsk_dv_node@yahoogroups.com
[mailto:gmsk_dv_node@yahoogroups.com<gmsk_dv_node@yahoogroups.com>

>>]* On Behalf Of* Tim Tucker
>> *Sent:* Sunday, December 08, 2013 1:26 PM
>> *To:* gmsk_dv_node@yahoogroups.com
>> *Subject:* Re: [gmsk_dv_node] StarBoard stopped working & problems
>> installing / running natools
>>
>>
>>
>> I forgot about the unsigned driver issue on Win 8..got it working now. I
>> still can't get NACFG to work in linux, though.
>>
>> On windows, I was able to reload the firmware and successfully ran echo
>> tests and rf read tests. Then I attached the board back to the ubuntu
>> linux machine and GMSKModem still reports that it can't find a modem
>> attached at 0x300, even though I checked that it is the proper address in
>> nacfg on the the windows machine. At this point I'm not sure what to do to
>> get it working again on linux. Is it possible that some system update
>> caused this problem all of the sudden? It was working fine until a couple
>> of days ago.
>>
>>
>>
>
>

10676. Re: [gmsk_dv_node] StarBoard stopped working & problems installing / running natools

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-10 05:23:48 UTC
From: Tim Tucker
Topic: 10670 Message: 10676

OK, I just finished configuring the repeater on a different windows machine
and ran into the same problem: As soon as the repeater keys the board, it
gets stuck in TX mode over and over. Jim, I'll send you an email off list
to determine if this is a board problem or not.

Tim

On Mon, Dec 9, 2013 at 8:21 PM, Tim Tucker <tuckert@...> wrote:

> An additional thing to note after I posted that last message. I just
> checked gmskrepeater and it is now back to the "cannot find modem at 0x300"
> message again. So, when it sees the board, it keys it repeatedly, but
> after a while it stops seeing the board altogether. I'm starting the
> configuration of the new PC right now.
>
>
> On Mon, Dec 9, 2013 at 8:17 PM, Tim Tucker <tuckert@email.com> wrote:
>
>> An update: I rebooted the linux PC a few times (for a variety of
>> reasons) and now gmskrepeater sees the board, even though I really didn't
>> change anything. Jim, I didn't follow through with your last post because
>> I didn't move the jumper before attaching it to the linux box to cause it
>> to be seen as an HID device. The problem now is that as soon as
>> gmskrepeater goes active, it is TX'ing the board over and over again and
>> won't release TX. I had a similar problem with the same PC when it had
>> Windows installed using gmskrepeater. I tried changing the USB cable and
>> even tried inserting a powered USB hub inline and ran the board through
>> that, even though I had the USB cable hooked direct to the PC before. The
>> two common denominators to this problem are the PC and the StarBoard - I'm
>> about to change the PC to see what happens next.
>>
>>
>> On Sun, Dec 8, 2013 at 3:04 PM, J. M. Moen <jim@...> wrote:
>>
>>>
>>>
>>> When I had a problem running on x86 Linux, Fred PA4YBR sent me the
>>> following:
>>>
>>> Several Linux distros screwed up their HID config. So, if an USB
>>> device presents itself on the bus as a HID-class device, it will be
>>> snagged by the Linux HID driver, making it unavailable to other tools
>>> (such as 'naupd' ...)
>>>

>>>
>>>
>>> Do a Google on "linux disable hid" to see where to blacklist the
>>> 04d8/0303 USB ID, used by the bootloader. After this is blacklisted to
>>> HID (or: just disable the HID driver altogether...) you'll be fine.
>>>
>>> Jim – K6JM
>>>
>>> *From:* gmsk_dv_node@yahoogroups.com [
>>> mailto:gmsk_dv_node@yahoogroups.com <gmsk_dv_node@yahoogroups.com>]* On
>>> Behalf Of* Tim Tucker
>>> *Sent:* Sunday, December 08, 2013 1:26 PM
>>> *To:* gmsk_dv_node@yahoogroups.com
>>> *Subject:* Re: [gmsk_dv_node] StarBoard stopped working & problems
>>> installing / running natools
>>>
>>>
>>>
>>> I forgot about the unsigned driver issue on Win 8..got it working now.
>>> I still can't get NACFG to work in linux, though.
>>>
>>> On windows, I was able to reload the firmware and successfully ran echo
>>> tests and rf read tests. Then I attached the board back to the ubuntu
>>> linux machine and GMSKModem still reports that it can't find a modem
>>> attached at 0x300, even though I checked that it is the proper address in
>>> nacfg on the the windows machine. At this point I'm not sure what to do to
>>> get it working again on linux. Is it possible that some system update
>>> caused this problem all of the sudden? It was working fine until a couple
>>> of days ago.
>>>
>>>
>>>
>>
>>
>

10677. when next asking for help

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-10 11:29:01 UTC
From: <m1dns.gb3hb@...>
Topic: 10677 Message: 10677

Not wishing to preach here but....
It might be an idea if someone has an ongoing issue with their hardware to post their config and log files with their complaint.. A lot of people on these various groups can help more so if we 'see' what's happening with the programmes, we do not see what you see... so the more info the better. There is a wealth of knowledge within these groups, help us, help you

A

10678. RE: [gmsk_dv_node] StarBoard stopped working & problems installing / running natools

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-11 10:47:56 UTC
From: J. M. Moen
Topic: 10670 Message: 10678

Tim,

I also got your direct email and have replied. If it just happened on one pc, the firmware might need to be reloaded, RF problem or something. But if it's happening with different pcs, then something may have happened to the board and I may need to replace it. Not sure yet what's going on, but when we find out, let's post back here so others can read about it.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Tim Tucker
Sent: Monday, December 09, 2013 9:24 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] StarBoard stopped working & problems installing / running natools

OK, I just finished configuring the repeater on a different windows machine and ran into the same problem: As soon as the repeater keys the board, it gets stuck in TX mode over and over. Jim, I'll send you an email off list to determine if this is a board problem or not.

Tim

On Mon, Dec 9, 2013 at 8:21 PM, Tim Tucker <tuckert@...> wrote:
An additional thing to note after I posted that last message. I just checked gmskrepeater and it is now back to the "cannot find modem at 0x300" message again. So, when it sees the board, it keys it repeatedly, but after a while it stops seeing the board altogether. I'm starting the configuration of the new PC right now.

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An update: I rebooted the linux PC a few times (for a variety of reasons) and now gmskrepeater sees the board, even though I really didn't change anything. Jim, I didn't follow through with your last post because I didn't move the jumper before attaching it to the linux box to cause it to be seen as an HID device. The problem now is that as soon as gmskrepeater goes active, it is TX'ing the board over and over again and won't release TX. I had a similar problem with the same PC when it had Windows installed using gmskrepeater. I tried changing the USB cable and even tried inserting a powered USB hub inline and ran the board through that, even though I had the USB cable hooked direct to the PC before. The two common denominators to this problem are the PC and the StarBoard - I'm about to change the PC to see what happens next.

10679. Re: [gmsk_dv_node] StarBoard stopped working & problems installing / running natools

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-12 05:11:20 UTC
From: John Dawes
Topic: 10670 Message: 10679

Hello Jim and all
I have had my board for over a year and got it working very well soon after its purchase. I then moved the system to a new computer running Windows 7. I had to add the RICHTX32.OCX file. I had a bit of trouble with this initially and found like some others in this group that it was impossible to down load the file without being offered a whole lot of other things! Your new instructions fixed this Jim. Many thanks.

I used an ICOM 207 H as the Hot Spot radio and it was fine. However, I cannot get the system to work any more. I have also tried a Kenwood TM D700. I have the jumpers in the right position. I have a good result with the receive test with the NAWin tools. But I can't get the echo test to work. The header appears and the software says it is repeating my call and the welcome message. It is clear that both the ICOM 207H and the Kenwood are working and the DStar radio is a ID31A. It is clear that it is receiving, based on the signal strength meter registering, but not decoding. I have on only one occasion heard anything like a garbled bit of audio. The transmit side works because I connected to VK5RWN C through the hot spot and heard my audio. It was fine.

Both the Kenwood and the Icom are set for five watts and the antenna is about 20 feet above the ground outside.

What am I missing? Any advice, help will be much appreciated.

John Dawes
VK5BJE

On Wednesday, 11 December 2013 10:47 AM, J. M. Moen <jim@...> wrote:

Tim,
I also got your direct email and have replied.If it just happened on one pc, the firmware might need to be reloaded, RF problem or something. But if it’s happening with different pcs, then something may have happened to the board and I may need to replace it. Not sure yet what’s going on, but when we find out, let’s post back here so others can read about it.
    Jim–K6JM
From:gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]On Behalf OfTim Tucker
Sent:Monday, December 09, 2013 9:24 PM
To:gmsk_dv_node@yahoogroups.com
Subject:Re: [gmsk_dv_node] StarBoard stopped working & problems installing / running natools

OK, I just finished configuring the repeater on a different windows machine and ran into the same problem: As soon as the repeater keys the board, it gets stuck in TX mode over and over. Jim, I'll send you an email off list to determine if this is a board problem or not.

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The two common denominators to this problem are the PC and the StarBoard - I'm about to change the PC to see what happens next.

10680. Hotspot using a pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-12 14:09:48 UTC
From: <stuart@...>
Topic: 10680 Message: 10680

Hi All

Wonder if someone might be able to offer a little advice, looking at a project for over the holidays and have in my mind to buy a hot spot board to connect via a pi.

Looked at all the boards but can anyone advise me on which board is best supported or suited to run on pi please? I am very new to both pieces of equipment so its going to be a steep learning curve for me.

Thank you

Stuart W4/M1EMB

10681. Re: [gmsk_dv_node] Hotspot using a pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-12 14:33:50 UTC
From: Fran Miele
Topic: 10680 Message: 10681

I have found the DVRPTR v1 and the Moen GMSK to be very good. You can't go wrong using either.

--Fran, W1FJM

IMPORTANT: The contents of this email and any attachments are confidential. They are intended for the named recipient(s) only. If you have received this email by mistake, please notify the sender immediately and do not disclose the contents to anyone or make copies thereof.

On Thu, Dec 12, 2013 at 9:09 AM, <stuart@...> wrote:

>
>
> Hi All
>
>
> Wonder if someone might be able to offer a little advice, looking at a
> project for over the holidays and have in my mind to buy a hot spot board
> to connect via a pi.
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> Looked at all the boards but can anyone advise me on which board is best
> supported or suited to run on pi please? I am very new to both pieces of
> equipment so its going to be a steep learning curve for me.
>
> Thank you
>
>
> Stuart W4/M1EMB
>
>
>

10682. Re: [gmsk_dv_node] Hotspot using a pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-12 15:37:11 UTC
From: MontyS
Topic: 10680 Message: 10682

Stuart,
I have just installed a Moen Matrix Star*Board GMSK Node Adapter, Raspberry Pi with G4KLX software, and Alinco DR-135 as a hot spot.
Jim Moen, K6JM, provides excellent support, which I relied upon many times during my setup.
Jim answered questions about the complete setup, not just his board.
He is the only vendor I've used or needed. Highly recommended. (I am a customer only)
Monty K2DLJ
Hi All

Wonder if someone might be able to offer a little advice, looking at a project for over the holidays and have in my mind to buy a hot spot board to connect via a pi.

Looked at all the boards but can anyone advise me on which board is best supported or suited to run on pi please? I am very new to both pieces of equipment so its going to be a steep learning curve for me.

Thank you

Stuart W4/M1EMB

10683. Very strange problem, 1st transmission not heard

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-12 15:41:08 UTC
From: NO9S Steve Butler
Topic: 10670 Message: 10683

On my latest Moen board with the Dutch Star Beta firmware , G4KLX (0615 GMSKRepeater 0611 ircDDB Gateway) software on PI connected to a Yaesu ft8900.

The first incoming signal from gateway is not heard until after and immediately following the second one.

It is almost like it is saved for rebroadcast.

Anyone else have this problem?

Any suggestions?

73 Steve

NO9S

10684. RE: [gmsk_dv_node] Very strange problem, 1st transmission not heard

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-12 15:53:11 UTC
From: Tom Kohli
Topic: 10670 Message: 10684

Sounds as if you are using Duplex. I use 9600 baud Simplex on my FT 7900.
On ID-51A I use DV & Simplex.

TOM

Thomas D. Kohli

12 Tall Pine Circle

Augusta, GA 30909

(706) 513-4855

<mailto:tdko@...> tdko@... WA4TE

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of NO9S Steve Butler
Sent: Thursday, December 12, 2013 10:41 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Very strange problem, 1st transmission not heard

On my latest Moen board with the Dutch Star Beta firmware , G4KLX (0615 GMSKRepeater 0611 ircDDB Gateway) software on PI connected to a Yaesu ft8900.

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Any suggestions?

73 Steve

NO9S

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

10685. Re: [gmsk_dv_node] Very strange problem, 1st transmission not heard

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-12 16:00:23 UTC
From: Stuart M1EMB
Topic: 10670 Message: 10685

Thank you both for the advice, I was really hoping you would say to buy a Moen board as that’s what I had in mind. Regarding the radio, I am just making an IRLP pi project where I have a bear Baofung UHF radio inside the box with the pi and irlp board and wonder if anyone has done anything similar, the IRLP project is a little different to the hotspot as I believe I need access to the discriminator so the Baofung wouldn’t work, can anyone recommend a cheapish radio I can add to the box for the hotspot please?

Thank you again

Stuart

From: NO9S Steve Butler
Sent: Thursday, December 12, 2013 10:41 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Very strange problem, 1st transmission not heard

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Anyone else have this problem?

Any suggestions?

73 Steve

NO9S

10686. RE: [gmsk_dv_node] Very strange problem, 1st transmission not heard

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-12 16:28:53 UTC
From: NO9S Steve Butler
Topic: 10670 Message: 10686

No that is not it.

I have Simplex on the GMSK software, it does the same if I use GATEWAY setting.

It doesn't matter if I use simplex dv or duplex 0 offset and the call sign validation on the 51.

I prefer that the call sign validation is used, so I do that.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Tom Kohli
Sent: Thursday, December 12, 2013 10:53 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Very strange problem, 1st transmission not heard

Sounds as if you are using Duplex. I use 9600 baud Simplex on my FT 7900. On ID-51A I use DV & Simplex.

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Any suggestions?

73 Steve

NO9S

<http://www.avast.com/>

This email is free from viruses and malware because avast! Antivirus
<http://www.avast.com/> protection is active.

10687. RE: Very strange problem, 1st transmission not heard

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-12 17:04:57 UTC
From: <stuart@...>
Topic: 10670 Message: 10687

Thank you both for the advice, I was really hoping you would say to buy a Moen board as that’s what I had in mind. Regarding the radio, I am just making an IRLP pi project where I have a bear Baofung UHF radio inside the box with the pi and irlp board and wonder if anyone has done anything similar, the IRLP project is a little different to the hotspot as I believe I need access to the discriminator so the Baofung wouldn’t work, can anyone recommend a cheapish radio I can add to the box for the hotspot please?

Thank you again

Stuart

10688. Re: [gmsk_dv_node] StarBoard stopped working & problems installing / running natools

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-12 17:32:11 UTC
From: MontyS
Topic: 10670 Message: 10688

John,
I use an ID-51 and the last setup problem I had was no receive audio, everything else working.

There were 2 software options in NAWinCFG that had to be changed – transmit invert checked and Mode RSSI checked.

All well now. Hope this is helpful.

Monty K2DLJ

From: John Dawes
Sent: Thursday, December 12, 2013 12:11 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] StarBoard stopped working & problems installing / running natools

Hello Jim and all
I have had my board for over a year and got it working very well soon after its purchase. I then moved the system to a new computer running Windows 7. I had to add the RICHTX32.OCX file. I had a bit of trouble with this initially and found like some others in this group that it was impossible to down load the file without being offered a whole lot of other things! Your new instructions fixed this Jim. Many thanks.

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Both the Kenwood and the Icom are set for five watts and the antenna is about 20 feet above the ground outside.

What am I missing? Any advice, help will be much appreciated.

John Dawes
VK5BJE

On Wednesday, 11 December 2013 10:47 AM, J. M. Moen <jim@...> wrote:

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might need to be reloaded, RF problem or something. But if it’s happening with different pcs, then something may have happened to the board and I may need to replace it. Not sure yet what’s going on, but when we find out, let’s post back here so others can read about it.
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Sent: Monday, December 09, 2013 9:24 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] StarBoard stopped working & problems installing / running natools

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10689. Re: [gmsk_dv_node] StarBoard stopped working & problems installing / running natools

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-12 20:56:19 UTC
From: John Dawes
Topic: 10670 Message: 10689

Hello Monty
I will have another look at my configuration. I will invert the transmit and check RSSI. I suspect that RSSI is already checked.
Thanks for your advice and I will let you know what happens.

Cheers

John D
VK5BJE

On Friday, 13 December 2013 4:02 AM, MontyS <montys@mindspring.com> wrote:

John,
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From:gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]On Behalf
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Sent:Monday, December 09, 2013 9:24 PM
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Subject:Re: [gmsk_dv_node] StarBoard stopped
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10690. Re: [gmsk_dv_node] StarBoard stopped working & problems installing / running natools

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-13 20:47:20 UTC
From: John Dawes
Topic: 10670 Message: 10690

Hello Monty, Jim and co
I reckon I worked out the problem. I have the Hot Spot back in action and am pretty happy.
I removed the microphone from the IC207H (Hot Spot radio) and the system sprung into life.
I also took Monty's advice and checked the RSSI.
Thanks for the suggestions Monty: they all helped.
73
John D
VK5BJE

On Friday, 13 December 2013 7:26 AM, John Dawes <dawes.john@...> wrote:

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There were 2 software options in NAWinCFG that had to be changed – transmit
invert checked and Mode RSSI checked.

All well now. Hope this is helpful.

Monty K2DLJ

From: John Dawes
Sent: Thursday, December 12, 2013 12:11 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] StarBoard stopped working & problems
installing / running natools

Hello Jim and all
I have had my board for over a year and got it working very well soon
after its purchase. I then moved the system to a new computer running Windows 7.
I had to add the RICHTX32.OCX file. I had a bit of trouble with this initially
and found like some others in this group that it was impossible to down load the
file without being offered a whole lot of other things! Your new instructions

fixed this Jim. Many thanks.

I used an ICOM 207 H as the Hot Spot radio and it was fine. However,
I cannot get the system to work any more. I have also tried a Kenwood TM D700. I
have the jumpers in the right position. I have a good result with the receive
test with the NAWin tools. But I can't get the echo test to work. The header
appears and the software says it is repeating my call and the welcome message.
It is clear that both the ICOM 207H and the Kenwood are working and the DStar
radio is a ID31A. It is clear that it is receiving, based on the signal strength
meter registering, but not decoding. I have on only one occasion heard anything
like a garbled bit of audio. The transmit side works because I connected to
VK5RWN C through the hot spot and heard my audio. It was fine.

Both the Kenwood and the Icom are set for five watts and the antenna
is about 20 feet above the ground outside.

What am I missing? Any advice, help will be much
appreciated.

John Dawes
VK5BJE

On Wednesday, 11 December 2013 10:47 AM, J.
M. Moen <jim@...> wrote:

Tim,
I also got your direct email and have
replied.If it just happened on one pc, the firmware might
need to be reloaded, RF problem or something. But
if it’s happening with different pcs, then something may have happened to the
board and I may need to replace it. Not sure yet what’s going on,
but when we find out, let’s post back here so others can read about
it.
    Jim–K6JM
From:gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]On Behalf
OfTim Tucker
Sent:Monday, December 09, 2013 9:24 PM
To:gmsk_dv_node@yahoogroups.com
Subject:Re: [gmsk_dv_node] StarBoard stopped
working & problems installing / running natools

OK, I just finished configuring the repeater on a
different windows machine and ran into the same problem: As soon as the
repeater keys the board, it gets stuck in TX mode over and over. Jim, I'll
send you an email off list to determine if this is a board problem or
not.
Tim
On Mon, Dec 9, 2013 at 8:21 PM, Tim Tucker
<tuckert@...> wrote:
An additional thing to note after I posted that
last message. I just checked gmskrepeater and it is now back to the
"cannot find modem at 0x300" message again. So, when it sees the board, it

keys it repeatedly, but after a while it stops seeing the board altogether. I'm starting the configuration of the new PC right now.

On Mon, Dec 9, 2013 at 8:17 PM, Tim Tucker <tuckert@...> wrote:

An update: I rebooted the linux PC a few times (for a variety of reasons) and now gmskrepeater sees the board, even though I really didn't change anything. Jim, I didn't follow through with your last post because I didn't move the jumper before attaching it to the linux box to cause it to be seen as an HID device. The problem now is that as soon as gmskrepeater goes active, it is TX'ing the board over and over again and won't release TX. I had a similar problem with the same PC when it had Windows installed using gmskrepeater. I tried changing the USB cable and even tried inserting a powered USB hub inline and ran the board through that, even though I had the USB cable hooked direct to the PC before. The two common denominators to this problem are the PC and the StarBoard - I'm about to change the PC to see what happens next.

10691. RE: [gmsk_dv_node] StarBoard stopped working & problems installing / running natools

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-16 05:58:17 UTC
From: J. M. Moen
Topic: 10670 Message: 10691

I’m working on this with John, off list. We’ll try to post here when we figure out what’s going on.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of John Dawes
Sent: Wednesday, December 11, 2013 9:11 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] StarBoard stopped working & problems installing / running natools

Hello Jim and all
I have had my board for over a year and got it working very well soon after its purchase. I then moved the system to a new computer running Windows 7. I had to add the RICHTX32.OCX file. I had a bit of trouble with this initially and found like some others in this group that it was impossible to down load the file without being offered a whole lot of other things! Your new instructions fixed this Jim. Many thanks.

I used an ICOM 207 H as the Hot Spot radio and it was fine. However, I cannot get the system to work any more. I have also tried a Kenwood TM D700. I have the jumpers in the right position. I have a good result with the receive test with the NAWin tools. But I can't get the echo test to work. The header appears and the software says it is repeating my call and the welcome message. It is clear that both the ICOM 207H and the Kenwood are working and the DStar radio is a ID31A. It is clear that it is receiving, based on the signal strength meter registering, but not decoding. I have on only one occasion heard anything like a garbled bit of audio. The transmit side works because I connected to VK5RWN C through the hot spot and heard my audio. It was fine.

Both the Kenwood and the Icom are set for five watts and the antenna is about 20 feet above the ground outside.

What am I missing? Any advice, help will be much appreciated.

John Dawes
VK5BJE

10692. RE: [gmsk_dv_node] StarBoard stopped working & problems installing / running natools

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-16 06:00:06 UTC
From: J. M. Moen
Topic: 10670 Message: 10692

You beat me to it. Thanks for posting the results here.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of John Dawes
Sent: Friday, December 13, 2013 12:47 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] StarBoard stopped working & problems installing / running natools

Hello Monty, Jim and co
I reckon I worked out the problem. I have the Hot Spot back in action and am pretty happy. I removed the microphone from the IC207H (Hot Spot radio) and the system sprung into life. I also took Monty's advice and checked the RSSI.
Thanks for the suggestions Monty: they all helped.
73
John D
VK5BJE

On Friday, 13 December 2013 7:26 AM, John Dawes <dawes.john@...> wrote:

Hello Monty
I will have another look at my configuration. I will invert the transmit and check RSSI. I suspect that RSSI is already checked.
Thanks for your advice and I will let you know what happens.

Cheers

John D
VK5BJE

On Friday, 13 December 2013 4:02 AM, MontyS <montys@mindspring.com> wrote:

John,
I use an ID-51 and the last setup problem I had was no receive audio, everything else working.

There were 2 software options in NAWinCFG that had to be changed – transmit invert checked and Mode RSSI checked.

All well now. Hope this is helpful.

Monty K2DLJ

10693. Re: [gmsk_dv_node] StarBoard stopped working & problems installing / running natools

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-16 06:46:41 UTC
From: John Dawes
Topic: 10670 Message: 10693

Hello Jim and all, especially Monty (another who replied)
Jim thank you for your reply. I thought you must have been busy. I have the system working now. It is as good as it was before the computer upgrade. I removed the microphone from the IC207H and it sprang into life. I suspect that the microphone connection interacts with the data socket on the radio. I will check the circuit diagram when I get the time. I also have an IC7000 and use JT65hf and the microphone is in place and it works. The Icom 207H, a dual bander from the nineties, may have an earlier circuit arrangement. I did adjust R36, but it is back pretty much where it was.

Any way Jim, I agonised over making the post as I didn't want to waste your time or anyone else's.. I really enjoy having the Hot Spot and have a lot of fun. A great product: many thanks and the compliments of the season to you and all on the group.

John Dawes
VK5BJE

On Monday, 16 December 2013 5:59 AM, J. M. Moen <jim@k6jm.com> wrote:

You beat me to it. Thanks for posting the results here.
   Jim – K6JM
From:gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]On Behalf OfJohn Dawes
Sent:Friday, December 13, 2013 12:47 PM
To:gmsk_dv_node@yahoogroups.com
Subject:Re: [gmsk_dv_node] StarBoard stopped working & problems installing / running natools

Hello Monty, Jim and co
I reckon I worked out the problem. I have the Hot Spot back in action and am pretty happy. I removed the microphone from the IC207H (Hot Spot radio) and the system sprung into life. I also took Monty's advice and checked the RSSI.
Thanks for the suggestions Monty: they all helped.
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Thanks for your advice and I will let you know what happens.

Cheers

John D
VK5BJE
On Friday, 13 December 2013 4:02 AM, MontyS <montys@...> wrote:

John,
I use an ID-51 and the last setup problem I had was no receive audio, everything else working.

There were 2 software options in NAWinCFG that had to be changed – transmit invert checked and Mode RSSI checked.

All well now. Hope this is helpful.

Monty K2DLJ

10694. want to build up a hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-19 16:55:46 UTC
From: prabin thomas
Topic: 10694 Message: 10694

hai friends I want to build up a dstar hotspot here in india
presently I am working with a dv dongle
please let me know which vhf base can be used for connecting moencomm board many vhf base like alnico is having data connectivity port as an add on which is the cost effective solution

regards
73
vu2pol

prabin c thomas

10695. Re: [gmsk_dv_node] want to build up a hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-19 18:16:59 UTC
From: MontyS
Topic: 10694 Message: 10695

Prabin,

I use an Alinco DR-135T for 144-148mhz base station. It requires 1 simple modification. It is inexpensive – $165. here in US. Jim Moen can send you the modification information.

Monty Shultes K2DLJ

From: prabin thomas
Sent: Thursday, December 19, 2013 11:55 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] want to build up a hotspot

hai friends I want to build up a dstar hotspot here in india
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please let me know which vhf base can be used for connecting moencomm board many vhf base like alnico is having data connectivity port as an add on which is the cost effective solution

regards
73
vu2pol

prabin c thomas

10696. RE: [gmsk_dv_node] want to build up a hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-19 18:19:33 UTC
From: prabincthomas
Topic: 10694 Message: 10696

Ok I need that modification info I am having that same radio with me

Regards

prabin

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of MontyS
Sent: Thursday, December 19, 2013 11:47 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] want to build up a hotspot

Prabin,

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Monty Shultes K2DLJ

From: prabin thomas <mailto:prabinthomas@gmail.com>

Sent: Thursday, December 19, 2013 11:55 AM

To: gmsk_dv_node@yahoogroups.com

Subject: [gmsk_dv_node] want to build up a hotspot

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regards
73
vu2pol

prabin c thomas

10697. RE: [gmsk_dv_node] want to build up a hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-19 23:47:03 UTC
From: J. M. Moen
Topic: 10694 Message: 10697

Prabin,

I send the mod info to your email address. Note also that the Alinco radios have a DSub 9 connector. You can make your own cable. Take a look at http://www.k6jm.com/hs-setupcbl.htm. Let me know if you have questions on that.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of prabincthomas
Sent: Thursday, December 19, 2013 10:20 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] want to build up a hotspot
Ok I need that modification info I am having that same radio with me
Regards
prabin
From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of MontyS
Sent: Thursday, December 19, 2013 11:47 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] want to build up a hotspot
Prabin,
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To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] want to build up a hotspot

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regards
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vu2pol

prabin c thomas

10698. Re: Unable to Set Modulation Type to GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-20 22:51:16 UTC
From: <ronnie_perry@...>
Topic: 8919 Message: 10698

Hello have same problem comport 4 listed what is your comport listed as?

10699. Help choosing software for my hotspot please

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-25 19:17:06 UTC
From: <pyshack@...>
Topic: 10699 Message: 10699

Guys,
I was told that I could get the knowledge and knowhow here from stations with good experience.
My kit :
Direct from my internet router to:

Rasberry Pi latest version 512Mb

Dutch star mini hotspot board

alinco dr-605 (9600)

I have a Sd card with variaous operating systems for my rasberry Pi
Could do with what software for the Pi and the hotspot so can get up and running soon.
Best regards and seasons greetings from M0ZOL. Plymouth England.73

10700. Re: [gmsk_dv_node] Help choosing software for my hotspot please

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-25 19:33:11 UTC
From: MontyS
Topic: 10699 Message: 10700

Hey,

You need to run NATools from www.dutch-star.eu to configure your dutch-star board. Their version is Windows only. I have read of a Linux version but do not know any details.

You then would be best advised to get an image from westerndstar.co.uk for your Raspberry Pi hotspot or repeater.

Monty K2DLJ

Guys,
I was told that I could get the knowledge and knowhow here from stations with good experience.
My kit :
Direct from my internet router to:

Rasberry Pi latest version 512Mb

Dutch star mini hotspot board

alinco dr-605 (9600)

I have a Sd card with variaous operating systems for my rasberry Pi
Could do with what software for the Pi and the hotspot so can get up and running soon.
Best regards and seasons greetings from M0ZOL. Plymouth England.73

Reply via web post Reply to sender Reply to group Start a New Topic Messages in this topic (1)

10701. RE: Help choosing software for my hotspot please

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-26 20:49:02 UTC
From: <john@...>
Topic: 10699 Message: 10701

Visit the http://groups.yahoo.com/neo/groups/ircDDBGateway/files/Documentation/
http://groups.yahoo.com/neo/groups/ircDDBGateway/files/Documentation/

And look at DEB install (for Raspbian)

10702. RE: [gmsk_dv_node] Help choosing software for my hotspot please

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-27 03:12:01 UTC
From: J. M. Moen
Topic: 10699 Message: 10702

Zoli,

You have several choices, and all of them work well. The first 3 have you get an SD image file to write to your SD card. Your Pi will boot up with Linux configured and Hotspot programs installed. You will need to do some configuration, for example to put in your own callsign. These images have a windowing server installed (for example, X11VNC), allowing you to log onto the Pi over your internal network and avoiding hooking up a monitor, keyboard and mouse. The 4th option has you start with Linux installed, and installs/configures the G4KLX programs.

* Get an image from Brian GW6WTK at http://westerndstar.co.uk/html/downloads.html . You can choose GMSK+ircDDB+VNC or D-StarRepeater+ircDDB_VNC. This has G4KLX programs installed -- the GMSK version is what many people are using, but the author is moving toward a common repeater called D-StarRepeater, which is what is installed on the other image.
* Get an image from Adrian VK4TUX. He has created images with Pidora Linux and KI4LKF Hotspot programs, plus some other add-on features. Look for posts by Adrian on this group or contact him by email. His website at http://vk4tux.no-ip.org/info.html xhas information how to build your own system, if you prefer that.
* Get an image from Ramesh VA3UV at – http://www.ve2mrc.com/freestar/free-star-pi-4gb.7z - install guide at http://www.va3uv.com/hp/Debian-install-new.pdf – FreeStar is Ramesh's name for KI4LKF's programs. Good documentation. FreeStar has almost all the same features as G4KLX, except last I checked, it does not yet support CCS callsign routing, though Ramesh is working on that.
* Install Raspbian (Debian) Linux on your Pi, then take John K7VE's advice and use the install procedures and repositories provided by Hans DL5DI. As John pointed out, see http://groups.yahoo.com/neo/groups/ircDDBGateway/files/Documentation/ and get the instructions for the DEB install.

For the above programs, you will probably need the DUTCH*Star Beta version software for your Mini Hotspot board. I know G4KLX requires that, and I think FreeStar does also. Email DUTCH*Star at fred@... and give Fred your callsign and firmware license number. Install NATools from the DUTCH*Star website (there's a Windows version and an x86 Linux version, but not yet an ARM version for the Pi). Use NAWinCFG to configure after loading the Beta firmware.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of pyshack@...
Sent: Wednesday, December 25, 2013 11:17 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Help choosing software for my hotspot please
Guys,
I was told that I could get the knowledge and knowhow here from stations with good experience.
My kit :

Direct from my internet router to:

Rasberry Pi latest version 512Mb

Dutch star mini hotspot board

alinco dr-605 (9600)

I have a Sd card with variaous operating systems for my rasberry Pi
Could do with what software for the Pi and the hotspot so can get up and running soon.
Best regards and seasons greetings from M0ZOL. Plymouth England.73

10703. dvap 2m

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-28 16:11:56 UTC
From: ea8ee
Topic: 10703 Message: 10703

DVAP sell for 2m high gain antenna at 150 euros

10704. Re-registration needed -- K6MDD

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-28 19:22:16 UTC
From: J. M. Moen
Topic: 10704 Message: 10704

K6MDD, one of the early D-Star ICOM repeaters in the US, was destroyed by a fire on Mt Diablo in Northern California, and the owner/trustee has decided not to rebuild it for D-Star. On December 26th, all callsigns and terminals registered at that Gateway were deleted from US Trust.

If your callsign was registered there, and you use DPlus linking or repeaters using DPlus, you'll need to re-register. The W6CX D-Star repeater operated by the Mt Diablo Amateur Radio Club welcomes you to register on their Gateway.

Just go to https://208.80.118.218/Dstar.do. Ignore the security certificate message.

For those who have forgotten how to register their callsign (Step 1) and then their terminals (Step 2), you can check out http://www.dstargateway.org/D-Star_Registration.html .

Remember to enter your callsign IN CAPITAL LETTERS.

If you've forgotten what terminals you had before all were deleted, go to http://dstar.info/query.html . It will probably show your terminals with a delete flag of True.

Everyone should have at least one terminal with an initial of blank. Be sure to enter a space into the "initial" box for that terminal. Hotspot users will want at least one other terminal – typically with initial B if on 70cm or C if on 2 meters. Many people like to set up another terminal for DPlus Auth Callsign – initial N for simplex hotspots or R for full duplex hotspots.

Jim – K6JM

10705. Beacon not speaking Moen board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-28 21:40:51 UTC
From: GRAHAM
Topic: 10705 Message: 10705

I have recently purchased this board and it is working great, except that the station ident eg the spoken voice, is not working. The id does scroll across the window of my radios however.

Any suggestions on how to rectify this would be appreciated.

73 Graham G4HFG / W4HFG

10706. RE: [gmsk_dv_node] Beacon not speaking Moen board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-28 23:09:57 UTC
From: J. M. Moen
Topic: 10705 Message: 10706

Glad it's (almost) working. We may need a little more info.

What platform (Windows x? Linux?) and which Hotspot program (WinDV? GMSKRepeater/ircDDBGateway?)

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of GRAHAM
Sent: Saturday, December 28, 2013 1:41 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Beacon not speaking Moen board
I have recently purchased this board and it is working great, except that the station ident eg the spoken voice, is not working. The id does scroll across the window of my radios however.

Any suggestions on how to rectify this would be appreciated.

73 Graham G4HFG / W4HFG

10707. Re: Beacon not speaking Moen board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-29 10:33:30 UTC
From: GRAHAM
Topic: 10705 Message: 10707

Thank you for having the patience with the Noobe. Problem solved.

My Gateway is almost always connected to a network in FLA consequently the beacon will not send a voice message until the connection is disengaged.

Thank you to all for your response.

73 Graham G4HFG / W4HFG, MB6ICY Gateway

--- In gmsk_dv_node@yahoogroups.com, "GRAHAM" <g4hfg@...> wrote:
>
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> 73 Graham G4HFG / W4HFG
>

10708. approved when

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-29 19:48:40 UTC
From: <jmsrandazzo@...>
Topic: 10708 Message: 10708

http://www.dstargat i went there a week ago to sign in and still not approved they wont ham to get into dstar and buy the radios and this and that and have to wait forever and i am still not approved come on

10709. Re: [gmsk_dv_node] approved when

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-29 20:00:33 UTC
From: Matthew Pitts
Topic: 10708 Message: 10709

Ham radio is a hobby, not a full time vocation; picking the time of the year when many hams are spending more time with family is a bad time to sign up if you expect nearly instantaneous response. Having said that, perhaps someone did look at your signup information and neglected to do anything for one reason or another. Please be patient, or find another server to register on.

Matthew Pitts
N8OHU

From: "jmsrandazzo@..." <jmsrandazzo@...>
To: gmsk_dv_node@...m
Sent: Sunday, December 29, 2013 2:48 PM
Subject: [gmsk_dv_node] approved when

http://www.dstargat i went there a week ago to sign in and still not approved they wont ham to get into dstar and buy the radios and this and that and have to wait forever and i am still not approved come on

10710. RE: [gmsk_dv_node] Help choosing software for my hotspot please

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-30 01:54:24 UTC
From: <pyshack@...>
Topic: 10699 Message: 10710

Jim ,
thanks for the information.
I am totally lost now.
I have a Dutchstar node adapter.
Ether my Pi or Windows xp etc .
Analouge radio (9600)
I need to set up like a Dvap dongle as a personal gateway .
i have been downloading lots of different software but going around in circles and nothing will connect , see the board .
Is there anyone attached to Dutch star that can tell me if there is a set up to follow please .
I know the ol saying easy when you know how but I don't know :)
Thanks for everyones help so far , I'm just filling up my PC and Pi

10711. Re: [gmsk_dv_node] Help choosing software for my hotspot please

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-30 02:18:04 UTC
From: Adrian
Topic: 10699 Message: 10711

If you want the best solution, get;

https://www.dropbox.com/sh/dunc99cqzuo7qar/WkAZGws74M/Latest%
201001/tuxDL5DIauto.img.zip

unzip and burn to you SDHC card (class 10 good quality a must)

boot the image

see what your network IP (eg: 192.x.x.x. etc) is and issgn ports 222 &
82

to this addrees in your router port forwarding esetup.

use

http://canyouseeme.org/

to find your internet IP and test the ports mentioned.

Email me at

vk4tux at bigpond dot com

for me to do the final touches esp the dashboard via ssh..

The default setup is for the dvap, but all hardware is supported.

All these use my image mentioned;

http://sip.kirbysite.net:82/ircddbgateway.php

http://kk4kvv.dyndns.org/

http://n8gy.no-ip.org/

http://k0tz.no-ip.biz/

http://qnet20.no-ip.org:82/

just to mention a few of many.

you get the web dashboard, timeserver, urcall control, 4 modules
capacity, graphical desktop available _> d-rats, chirp, freedv etc
installed also.

All on the raspberry Pi with a dvap.

Adrian ... vk4tux

-----Original Message-----
From: pyshack@...
Reply-to: gmsk_dv_node@yahoogroups.com
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Help choosing software for my hotspot please
Date: 29 Dec 2013 17:54:24 -0800

Jim ,

thanks for the information.

I am totally lost now.

I have a Dutchstar node adapter.

Ether my Pi or Windows xp etc .

Analouge radio (9600)

I need to set up like a Dvap dongle as a personal gateway .

i have been downloading lots of different software but going around in
circles and nothing will connect , see the board .

Is there anyone attached to Dutch star that can tell me if there is a
set up to follow please .

I know the ol saying easy when you know how but I don't know :)

Thanks for everyones help so far , I'm just filling up my PC and Pi

10712. Re: [gmsk_dv_node] Help choosing software for my hotspot please

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-30 02:26:01 UTC
From: Adrian
Topic: 10699 Message: 10712

I nearly forgot Fran W1FJM (A dstar dinosaur) has changed over to my
image also;

http://w1cdg.dyndns.org/dashboard.html

There are many custom php dashboard options, the last 10 heard from
local source is evident in above.

Dashboards suiting group 1/2 or quadnet setups are an option from
myself.
Just request what you want, and don't want, & i will set it up for you.

regards

Adrian ... vk4tux

10713. DV Node adapter Dutch Star Rev.c Mini Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-30 03:10:48 UTC
From: <pyshack@...>
Topic: 10713 Message: 10713

This is the message i get in the WinDV software . DV Node for windows application:

RF Device:

NODE: unable to open adapter at 300!

Anyone with any ideas please?
The application I have connected to a reflector ok with all other information in the box but my board is not connected ,
I have no information on adjusting my board or settings needed , its all trial and error at the moment but my board is not seen by my PC.
Thanks.

10714. Re: [gmsk_dv_node] Help choosing software for my hotspot please

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-30 03:16:56 UTC
From: Adrian
Topic: 10699 Message: 10714

If you want the best solution, get;

https://www.dropbox.com/sh/dunc99cqzuo7qar/WkAZGws74M/Latest%
201001/tuxDL5DIauto.img.zip

unzip and burn to you SDHC card (class 10 good quality a must)

boot the image

see what your network IP (eg: 192.x.x.x. etc) is and issgn ports 222 &
82

to this addrees in your router port forwarding esetup.

use

http://canyouseeme.org/

to find your internet IP and test the ports mentioned.

Email me at

vk4tux at bigpond dot com

for me to do the final touches esp the dashboard via ssh..

The default setup is for the dvap, but all hardware is supported.

All these use my image mentioned;

http://sip.kirbysite.net:82/ircddbgateway.php

http://kk4kvv.dyndns.org/

http://n8gy.no-ip.org/

http://k0tz.no-ip.biz/

http://qnet20.no-ip.org:82/

just to mention a few of many.

you get the web dashboard, timeserver, urcall control, 4 modules
capacity, graphical desktop available _> d-rats, chirp, freedv etc
installed also.

Correction : above using, the Moencomm board, or dvrptr V1 , the dvap
cfg is the default , but easily updated in the install script.

Adrian ... vk4tux

-----Original Message-----
From: pyshack@...
Reply-to: gmsk_dv_node@yahoogroups.com
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Help choosing software for my hotspot please
Date: 29 Dec 2013 17:54:24 -0800

Jim ,

thanks for the information.

I am totally lost now.

I have a Dutchstar node adapter.

Ether my Pi or Windows xp etc .

Analouge radio (9600)

I need to set up like a Dvap dongle as a personal gateway .

i have been downloading lots of different software but going around in circles and nothing will connect , see the board .

Is there anyone attached to Dutch star that can tell me if there is a set up to follow please .

I know the ol saying easy when you know how but I don't know :)

Thanks for everyones help so far , I'm just filling up my PC and Pi

10715. RE: [gmsk_dv_node] approved when

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-30 12:20:35 UTC
From: J. M. Moen
Topic: 10708 Message: 10715

I agree with Mathew’s comments.

In addition, I’ve been told by a repeater Admin that many repeaters are not configured to notify Admins that a new registration request has arrived. So it’s a good idea to do the research to find the email address of an Admin and notify them directly that you’ve tried to register.

Also, many Admins don’t notify when they have approved, so it’s a good idea to keep trying in case you can log on and continue on with setting up terminals.

Finally, some clubs have a policy not to approve registration requests for hams who are not located in the area. There are other clubs and repeaters who don’t care, but that can be another reason why your request was not approved.

This is a weak part of the D-Star infrastructure, there’s no doubt about that. At least this is a one-time problem.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Matthew Pitts
Sent: Sunday, December 29, 2013 12:01 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] approved when

Ham radio is a hobby, not a full time vocation; picking the time of the year when many hams are spending more time with family is a bad time to sign up if you expect nearly instantaneous response. Having said that, perhaps someone did look at your signup information and neglected to do anything for one reason or another. Please be patient, or find another server to register on.

Matthew Pitts
N8OHU

From: "jmsrandazzo@..." <jmsrandazzo@...>
To: gmsk_dv_node@yahoogroups.com
Sent: Sunday, December 29, 2013 2:48 PM
Subject: [gmsk_dv_node] approved when

http://www.dstargat i went there a week ago to sign in and still not approved they wont ham to get into dstar and buy the radios and this and that and have to wait forever and i am still not approved come on

10716. RE: [gmsk_dv_node] DV Node adapter Dutch Star Rev.c Mini Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-30 12:29:32 UTC
From: J. M. Moen
Topic: 10713 Message: 10716

Most likely, you have not done a proper install of NATools. Get the latest version from http://www.dutch-star.eu/software/ . Do a COMPLETE install, not Typical. This installs not only the NATools programs, but the driver Windows will need for WinDV to “see” the board.

Use NAWinCFG to configure the firmware settings. Use NAWinTEST to test.

You might check my web page “Building a D-Star Compatible Hotspot” at http://www.k6jm.com/hs-setup.htm .

I’ve found it’s easier for many people to get started using DVAR or WinDV on Windows. Then when they have some experience, they may decide to move to Linux, particularly on the Raspberry Pi.

Adrian’s information would then come in handy. I also have some installation notes for how to use the GW6WTK Pi image. Email me directly if interested. Ramesh VA3UV also has an image for FreeStar programs.

But in this case, I’d get it working on Windows as the first step.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of pyshack@...
Sent: Sunday, December 29, 2013 7:11 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] DV Node adapter Dutch Star Rev.c Mini Hotspot

This is the message i get in the WinDV software . DV Node for windows application:

RF Device:

NODE: unable to open adapter at 300!

Anyone with any ideas please?
The application I have connected to a reflector ok with all other information in the box but my board is not connected ,
I have no information on adjusting my board or settings needed , its all trial and error at the moment but my board is not seen by my PC.
Thanks.

10717. RE: [gmsk_dv_node] DV Node adapter Dutch Star Rev.c Mini Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-30 16:02:05 UTC
From: Fred PA4YBR
Topic: 10713 Message: 10717

Hi,

Usually, contacting the author of software works pretty well if you experience problems. Did you follow all the steps mentioned in the manual, such as loading firmware and all that?

If you did not, the software won't see the board...

Cheers,

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of pyshack@...
Sent: Monday, December 30, 2013 4:11 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] DV Node adapter Dutch Star Rev.c Mini Hotspot

This is the message i get in the WinDV software . DV Node for windows application:

RF Device:

NODE: unable to open adapter at 300!

Anyone with any ideas please?
The application I have connected to a reflector ok with all other information in the box but my board is not connected ,
I have no information on adjusting my board or settings needed , its all trial and error at the moment but my board is not seen by my PC.
Thanks.

10718. Re: [gmsk_dv_node] DV Node adapter Dutch Star Rev.c Mini Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2013-12-30 16:06:34 UTC
From: Rudy Benner
Topic: 10713 Message: 10718

Hams don’t read documentation. We are above such mundane things.

ve3bdr

From: Fred PA4YBR
Sent: Monday, December 30, 2013 11:02 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] DV Node adapter Dutch Star Rev.c Mini Hotspot

Hi,

Usually, contacting the author of software works pretty well if you
experience problems. Did you follow all the steps mentioned in the
manual, such as loading firmware and all that?

If you did not, the software won't see the board...

Cheers,

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of
pyshack@...
Sent: Monday, December 30, 2013 4:11 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] DV Node adapter Dutch Star Rev.c Mini Hotspot

This is the message i get in the WinDV software . DV Node for windows application:

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NODE: unable to open adapter at 300!

Anyone with any ideas please?
The application I have connected to a reflector ok with all other information in the box
but my board is not connected ,
I have no information on adjusting my board or settings needed , its all trial and error at
the moment but my board is not seen by my PC.
Thanks.

10719. NA Wintest Echo Cuts Out/ Fails

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-01 19:25:09 UTC
From: MICHAEL
Topic: 10719 Message: 10719

Good evening
I have Mini hotspot Rev C which seems to be working well.

However using NAWinTEST Echo Test fails. RF Header displays my callsign etc. In Status there an immediate but very brief blue speaking callsign and then green playing recorded message. The receive on my radio drops out immediately and swiches to transmit but no sound is transmitted back.

If I use the NAtest ECHO(32bit) it is fine.

I am running Windows XP.

It is no influenced by changing NAWinCFG settings.

the other thing is that although the system is working the Red PTT Led never lights up.

Any thoughts appreciated

10720. radio hook up help

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-02 00:14:10 UTC
From: <jmsrandazzo@...>
Topic: 10720 Message: 10720

yaesu 2600 what cable do i need to hook into the node adapter please help

10721. Re: [gmsk_dv_node] DV Node adapter Dutch Star Rev.c Mini Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-02 00:54:21 UTC
From: <pyshack@...>
Topic: 10713 Message: 10721

thanks nearly sorted , just configueing the system now, been a few late nights :))
Thanks for the help so far

10722. Re: [gmsk_dv_node] radio hook up help

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-02 02:36:10 UTC
From: David Webb
Topic: 10720 Message: 10722

Page 7 in the FT-2600 manual gives you the pinout of the DB9 plug on the back. Which node adapter do you have?

Dave-KB1PVH

On Wednesday, January 1, 2014 7:14 PM, "jmsrandazzo@..." <jmsrandazzo@...> wrote:

yaesu 2600 what cable do i need to hook into the node adapter please help

10723. RE: [gmsk_dv_node] NA Wintest Echo Cuts Out/ Fails

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-02 03:45:41 UTC
From: J. M. Moen
Topic: 10719 Message: 10723

Michael,

Are you saying the GUI version of Echo Test (NAWinTEST) does not get your MHS to transmit, but the command line version works ok?

I haven't heard of that problem. Often when the board won't transmit, there's a mismatch between the board's jumper configuration and the firmware - specifically, if the board is told to operate in so-called "V4" mode but the firmware has RSSI Report turned on, or if the board is in "V5" mode but RSSI Report is turned off, then you won't be able to transmit. But this can't be the problem if it all works using command-line natest echo.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of MICHAEL
Sent: Wednesday, January 01, 2014 11:25 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] NA Wintest Echo Cuts Out/ Fails
Good evening
I have Mini hotspot Rev C which seems to be working well.

However using NAWinTEST Echo Test fails. RF Header displays my callsign etc. In Status there an immediate but very brief blue speaking callsign and then green playing recorded message. The receive on my radio drops out immediately and swiches to transmit but no sound is transmitted back.

If I use the NAtest ECHO(32bit) it is fine.

I am running Windows XP.

It is no influenced by changing NAWinCFG settings.

the other thing is that although the system is working the Red PTT Led never lights up.

Any thoughts appreciated

10724. Re: [gmsk_dv_node] DV Node adapter Dutch Star Rev.c Mini Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-02 16:24:32 UTC
From: <pyshack@...>
Topic: 10713 Message: 10724

its getting there but what i am experiecing is on the NaWintest I can transmit ok from the Dstar radio and my analouge radio receives then transmitts back ok

What I do get is data but not DV data out of my Node adapter .
My Dstar radio flashes fm and DV saying to my its just an FM signal .
All other tests work well including the RF read is fine .
I have tried to invert TX audio to no avail .
all I can hear in the Dstar radio is noise from my analouge radio.
Any ideas please.

10725. Cannot decode data from Analouge radio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-02 16:26:53 UTC
From: <pyshack@...>
Topic: 10725 Message: 10725

its getting there but what i am experiecing is on the NaWintest I can transmit ok from the Dstar radio and my analouge radio receives then transmitts back ok

What I do get is data but not DV data out of my Node adapter .
My Dstar radio flashes fm and DV saying to my its just an FM signal .
All other tests work well including the RF read is fine .
I have tried to invert TX audio to no avail .
all I can hear in the Dstar radio is noise from my analouge radio no Dstar voice .
Any ideas please.

10726. RE: Help choosing software for my hotspot please

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-02 16:41:50 UTC
From: <pyshack@...>
Topic: 10699 Message: 10726

Adrian,
Thanks for your help , i have sorted out the Pi nearly now.
But took a step back to make sure my hotspot board is working correctly.
I will let you know how it goes.
Best 73 and HNy thanks again.

10727. RE: [gmsk_dv_node] DV Node adapter Dutch Star Rev.c Mini Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-02 16:45:31 UTC
From: <pyshack@...>
Topic: 10713 Message: 10727

Thats all now sorted cheers ,
What I am now getting is tests fine up to the point of the Echo test , the data received by my Dstar radio is seeing it as fm and not Dstar?
so I cannot hear any welcome voice.
any ideas ?
i have tried to invert tx audio , and all the RF read tests are fine .
Thanks .

10728. Re: [gmsk_dv_node] DV Node adapter Dutch Star Rev.c Mini Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-02 16:48:05 UTC
From: MontyS
Topic: 10713 Message: 10728

When my DStar radio thinks it’s receiving FM it’s because either it or my hotspot is off frequency.

Monty K2DLJ

From: pyshack@yahoo.co.uk
Sent: Thursday, January 02, 2014 11:45 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] DV Node adapter Dutch Star Rev.c Mini Hotspot

Thats all now sorted cheers ,

What I am now getting is tests fine up to the point of the Echo test , the data received by my Dstar radio is seeing it as fm and not Dstar?

so I cannot hear any welcome voice.

any ideas ?

i have tried to invert tx audio , and all the RF read tests are fine .

Thanks .

10729. RE: [gmsk_dv_node] DV Node adapter Dutch Star Rev.c Mini Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-02 16:51:52 UTC
From: David Webb
Topic: 10713 Message: 10729

You may need to tweak the TX trimpot on your board.

Dave-KB1PVH

On Thu, Jan 2, 2014 11:45 AM EST pyshack@... wrote:

>Thats all now sorted cheers ,
> What I am now getting is tests fine up to the point of the Echo test , the data received by my Dstar radio is seeing it as fm and not Dstar?
> so I cannot hear any welcome voice.
> any ideas ?
> i have tried to invert tx audio , and all the RF read tests are fine .
> Thanks .
>
>
>

10730. Re: [gmsk_dv_node] DV Node adapter Dutch Star Rev.c Mini Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-02 17:20:22 UTC
From: <pyshack@...>
Topic: 10713 Message: 10730

Monty ,
Yeh I've looked at that too but still the same.
I am off in the shack and going to make a cable for my FT-817 and try that radio see if there is any difference.
Zoli. M0zol .

10731. RE: [gmsk_dv_node] DV Node adapter Dutch Star Rev.c Mini Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-02 17:22:01 UTC
From: <pyshack@...>
Topic: 10713 Message: 10731

Dave ,
Thanks for the reply,
I tried a long over thus giving myself time to adjust the TX trimpot , but this has no effect

,Going to try another radio.
Zoli M0zol.

10732. RE: [gmsk_dv_node] DV Node adapter Dutch Star Rev.c Mini Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-02 17:24:39 UTC
From: David Webb
Topic: 10713 Message: 10732

Did you make sure that your analog radio is set to 9600bd?

Dave-KB1PVH

On Thu, Jan 2, 2014 12:22 PM EST pyshack@... wrote:

>Dave ,
> Thanks for the reply,
> I tried a long over thus giving myself time to adjust the TX trimpot , but this has no effect
>
> ,Going to try another radio.
> Zoli M0zol.
>

10733. RE: [gmsk_dv_node] DV Node adapter Dutch Star Rev.c Mini Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-02 18:00:03 UTC
From: <pyshack@...>
Topic: 10713 Message: 10733

David,
yes on my alinco dr-605 you have to hold in function and then press the band button to the band you want to use and this was VHF and the 9600 takes the place of the other vfo in the display so easy to set to 9600 on the radio .
i am looking at trying a different radio now to see if there could be a problem with the alinco, may be being sent too wide.
Thanks for your input.
Zoli M0zol

10734. RE: [gmsk_dv_node] DV Node adapter Dutch Star Rev.c Mini Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-02 21:23:53 UTC
From: J. M. Moen
Topic: 10713 Message: 10734

Zoli,

You didn’t say if you’ve tried changing TX Invert, then adjusted the TX trim pot. Incorrect TX invert is a frequent cause of Echo Test transmissions not being decoded by your D-Star radio.

Newer Alinco’s like the DR-135 Mk III and DR-435 Mk III need mods to work with GMSK modulated TX audio. I have not heard that your DR-605 needs a mod, but if it does, hopefully someone on this list will let us know.

I’m not an expert about the MHS board you have, but make sure its “mode” (V4 or V5, often set by a jumper) and the RSSI Report firmware setting are correct for each other. For V5 mode, you want RSSI Report to be enabled; for V4, RSSI Report should not be checked.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@...m] On Behalf Of pyshack@...
Sent: Thursday, January 02, 2014 10:00 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] DV Node adapter Dutch Star Rev.c Mini Hotspot
David,
yes on my alinco dr-605 you have to hold in function and then press the band button to the band you want to use and this was VHF and the 9600 takes the place of the other vfo in the display so easy to set to 9600 on the radio .
i am looking at trying a different radio now to see if there could be a problem with the alinco, may be being sent too wide.
Thanks for your input.
Zoli M0zol

10735. RE: [gmsk_dv_node] DV Node adapter Dutch Star Rev.c Mini Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-03 03:08:50 UTC
From: <pyshack@...>
Topic: 10713 Message: 10735

Jim,
I made up a new lead and hooked up another one of my radios .
This time an FT-817 , worked in PSK mode on 9600 , just I think now have to fine tune it as getting data and the odd part word decoded so getting to the goal slowly but shurely now.
The Alinco is not working as it should , maybe a bit too wide for the Dstar packet.
Will keep you posted on my journey

Best regards

Zoli M0ZOL

10736. Re: DV Node adapter Dutch Star Rev.c Mini Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-03 14:09:35 UTC
From: g3vvt@...
Topic: 10713 Message: 10736

Looks ever more like we are loosing our grip with reality on which radios will work with GMSK modulation.

If you go back 5 years or so on this group there was a lot more information in which radios would work with the then current Satoshi GMSK DV adapter. Am sure that this must be available somewhere to prevent the wasted effort that can happen in trying to make a radio work with GMSK modulation that never will.

To my understanding Icom use quadrature modulation for their D-Star repeaters for GMSK modulation and is used in billions of mobile phones that use the same GMSK modulation system worldwide. Beyond that it can be rather difficult to find surplus radio equipment that uses this type of modulation. T get around this it was found that radios using proper FM TX mod (F3E) could normally be utilized, but radios that generated the FM TX mod with phase modulation/PM (G3E) would just not work. Sadly this took in many radios marketed for the amateur radio market. A matter of looking at the specification or even the schematic given for the particular radio to find out what type it is.

Incidentally the Yaesu FT-817 was one of the radios that did work as that does use proper FM for the generation of TX modulation.

Next to quadrature modulation the best modulation system was said to be 2 point FM modulation as used by many professional LMR/PMR systems such as some models from Simoco, Philips, Pye, Tait, etc, etc. I opted for one of the Tait repeater base station radios available on the surplus market when building our local GMSK DV repeater. A bonus with this is that they are often designed for continuous service unlike amateur radio equipment which is only normally capable of intermittent service. GMSK and other digital data modes can cause a severe strain on the TX PA in particular.

Is important that the RX side to the adapter is fed with flat audio direct from the FM detector that has not been de-emphasized. Following this in the case of the TX modulation this must not be pre-emphasized and work as far as possible in a linear mode across the modulation spectrum. As the deviation required for GMSK modulation is only +/-1.2kHz, it is possible to use the CTCSS input of the TX modulator with the Tait repeater radio I used for this purpose. A matter of monitoring the TX deviation with a Service Monitor or Deviation Meter whilst adjusting the TX level preset on the GMSK DV adapter board to reach the correct TX deviation level.

On the RX side the RX preset on the GMSK DV adapter board is normally set up with the aid of an oscilloscope and an on frequency D-Star transmission to provide the correct level into the CODEC chip as recommended by the chip manufacturer. This from memory was 800mV pk to pk at the test point.

From there it is a matter of running the various test programs with the GMSK DV adapter board to determine if the RX is needed to be Inverted or Normal and TX Inverted or Normal with the particular radio in use.

Doing this empirically by trial and error plus getting the various levels correct can be an extremely long winded and frustrating process with a level of good luck needed as shown by the emails on the subject. When you add to that some radios are apparently incapable of working anyway, there is a large chance of problems.

Having worked in professional radio systems and had access to decent test equipment, made it a goal to acquire suitable items of test equipment on retirement as and when these appeared on the surplus market at affordable prices. To get away from this it is possible for the GMSK DV adapter manufacturer to provide a board ready set up for a particular radio to cut away the problems that can occur. Believe Jim, K6JM did do this at one time with his board tailored to specific radios on request. With other DV adapter boards you may run into difficulties on this score.

A happy New Year to all.

Regards,
Bob, G3VVT
Keeper/builder GB7LF

10737. RE: [gmsk_dv_node] Re: DV Node adapter Dutch Star Rev.c Mini Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-03 22:04:33 UTC
From: J. M. Moen
Topic: 10713 Message: 10737

Bob,

Good, educational post.

I still recommend people check this Yahoo Group's website Files area to see if their proposed analog radio has already been used successfully with a GMSK Modem. I try to add information to that list as I learn about radios that work. If the proposed radio isn't found on the Yahoo website, it's a good idea to ask here - someone may be using that radio and will respond.

In the short history of this technology, our rule of thumb has been - stay away from Phase Modulated radios, and check if the radio supports 9600 baud packet data, since typically in that mode, we get the RX data from the discriminator and TX goes directly to the modulator, without filtering or processing.

This isn't always true, as we discovered with the recent Alinco Mark III radios. In that case, two alternate mods have been developed to make those radios usable.

Others have found, and I have often seen, that many Kenwood radios require more TX audio drive to achieve the needed deviation, compared to most other 9600 baud packet-capable radios. This means the TX audio may have to be increased to the max, and sometimes even that is not enough. For example, my Kenwood D700 works with my GMSK Modem's TX pot set to max, but I know of others with a D700 where a bit more was needed. In that case, a small mod is possible (increasing the value of the op-amp's feedback resistor is what Fred PA4YBR recommends, and that does work). On the other hand, people with a Kenwood D710 and the MCP-2A program can actually change the Data Terminal PRD Pin input level. Normally that should be 7, but it can be adjusted.

Final note - for people who don't have a service monitor - using the trial and error mode with an ICOM 31A or 51A is a relatively fast way to find a usable deviation setting. Those radios are much more sensitive to deviation than earlier D-Star radios.

Bob - again thanks for the excellent info.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of g3vvt@...
Sent: Friday, January 03, 2014 6:10 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: DV Node adapter Dutch Star Rev.c Mini Hotspot

Looks ever more like we are loosing our grip with reality on which radios will work with GMSK modulation.
If you go back 5 years or so on this group there was a lot more information in which radios would work with the then current Satoshi GMSK DV adapter. Am sure that this must be available somewhere to prevent the wasted effort that can happen in trying to make a radio work with GMSK modulation that never will.

To my understanding Icom use quadrature modulation for their D-Star repeaters for GMSK modulation and is used in billions of mobile phones that use the same GMSK modulation system worldwide. Beyond that it can be rather difficult to find surplus radio equipment that uses this type of modulation. T get around this it was found that radios using proper FM TX mod (F3E) could normally be utilized, but radios that generated the FM TX mod with phase modulation/PM (G3E) would just not work. Sadly this took in many radios marketed for the amateur radio market. A matter of looking at the specification or even the schematic given for the particular radio to find out what type it is.

Incidentally the Yaesu FT-817 was one of the radios that did work as that does use proper FM for the generation of TX modulation.

Next to quadrature modulation the best modulation system was said to be 2 point FM modulation as used by many professional LMR/PMR systems such as some models from Simoco, Philips, Pye, Tait, etc, etc. I opted for one of the Tait repeater base station radios available on the surplus market when building our local GMSK DV repeater. A bonus with this is that they are often designed for continuous service unlike amateur radio equipment which is only normally capable of intermittent service. GMSK and other digital data modes can cause a severe strain on the TX PA in particular.

Is important that the RX side to the adapter is fed with flat audio direct from the FM detector that has not been de-emphasized. Following this in the case of the TX modulation this must not be pre-emphasized and work as far as possible in a linear mode across the modulation spectrum. As the deviation required for GMSK modulation is only +/-1.2kHz, it is possible to use the CTCSS input of the TX modulator with the Tait repeater radio I used for this purpose. A matter of monitoring the TX deviation with a Service Monitor or Deviation Meter whilst adjusting the TX level preset on the GMSK DV adapter board to reach the correct TX deviation level.

On the RX side the RX preset on the GMSK DV adapter board is normally set up with the aid of an oscilloscope and an on frequency D-Star transmission to provide the correct level into the CODEC chip as recommended by the chip manufacturer. This from memory was 800mV pk to pk at the test point.

From there it is a matter of running the various test programs with the GMSK DV adapter board to determine if the RX is needed to be Inverted or Normal and TX Inverted or Normal with the particular radio in use.

Doing this empirically by trial and error plus getting the various levels correct can be an extremely long winded and frustrating process with a level of good luck needed as shown by the emails on the subject. When you add to

that some radios are apparently incapable of working anyway, there is a large chance of problems.

Having worked in professional radio systems and had access to decent test equipment, made it a goal to acquire suitable items of test equipment on retirement as and when these appeared on the surplus market at affordable prices. To get away from this it is possible for the GMSK DV adapter manufacturer to provide a board ready set up for a particular radio to cut away the problems that can occur. Believe Jim, K6JM did do this at one time with his board tailored to specific radios on request. With other DV adapter boards you may run into difficulties on this score.

A happy New Year to all.

Regards,
Bob, G3VVT
Keeper/builder GB7LF

10738. Re: NA Wintest Echo Cuts Out/ Fails

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-03 23:35:11 UTC
From: MICHAEL
Topic: 10719 Message: 10738

Yes thats correct. I have updated firmware to very latest supplied by Fred. The red ptt LED lights up now but only the comman line version transmits. It all works and other DStar users can hear me and I can hear them.
--- In gmsk_dv_node@yahoogroups.com, "J. M. Moen" <jim@...> wrote:
>
> Michael,
>
> Are you saying the GUI version of Echo Test (NAWinTEST) does not get your
> MHS to transmit, but the command line version works ok?
>
> I haven't heard of that problem. Often when the board won't transmit,
> there's a mismatch between the board's jumper configuration and the firmware
> - specifically, if the board is told to operate in so-called "V4" mode but
> the firmware has RSSI Report turned on, or if the board is in "V5" mode but
> RSSI Report is turned off, then you won't be able to transmit. But this
> can't be the problem if it all works using command-line natest echo.
>
> Jim - K6JM
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of MICHAEL
> Sent: Wednesday, January 01, 2014 11:25 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] NA Wintest Echo Cuts Out/ Fails
> Good evening
> I have Mini hotspot Rev C which seems to be working well.
>
> However using NAWinTEST Echo Test fails. RF Header displays my callsign etc.
> In Status there an immediate but very brief blue speaking callsign and then
> green playing recorded message. The receive on my radio drops out
> immediately and swiches to transmit but no sound is transmitted back.
>
> If I use the NAtest ECHO(32bit) it is fine.
>
> I am running Windows XP.
>
> It is no influenced by changing NAWinCFG settings.
>
> the other thing is that although the system is working the Red PTT Led never
> lights up.
>
> Any thoughts appreciated
>

10739. Ham Radio University / NLI Convention

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-04 22:17:57 UTC
From: Gary Lindtner
Topic: 10739 Message: 10739

Ham Radio University <http://hamradiouniversity.org/> will be held tomorrow, Sunday January 5th, starting at 9:00 AM Eastern. Our 15th Year!

Don't live in the area?

Can't make it?

We got you covered, watch forum room "E" live online in High Definition.

http://hamradiouniversity.org/live-streaming/

Have a brief question for one of the moderators? Tweet it to @KB2BSL

There are two D-Star forums at 11:00 AM and 1:30 PM.

Gary

KB2BSL

10740. Kenwood TS-480 + GMSK modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-06 23:35:52 UTC
From: <ELErby@...>
Topic: 10740 Message: 10740

Hello All,

I checked the files section to the group. Does anyone know if the TS-480 HF rig will work with the GMSK boards?

El - K4DJL

10741. RE: [gmsk_dv_node] Kenwood TS-480 + GMSK modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-07 00:01:47 UTC
From: J. M. Moen
Topic: 10740 Message: 10741

El,

I just looked through the 480’s manual. Although it does have a standard 6 pin mini DIN data socket, unfortunately I see no provision to do 9600 baud packet data. 9600 packet normally means the audio is not emphasized or processed. GMSK modulated audio used by D-Star should not be filtered, processed or emphasized.

The 480’s manual documents the pins on the mini DIN, showing pin 5 (normally used for 1200 baud RX data) is for RX audio. It shows no connection for pin 4 (normally used for 9600 baud RX audio). The manual also does not show a firmware setting to choose 9600 baud data.

The best way to be sure would be to check the schematic. But based on a quick glance at the manual, I would guess the 480 is not a good fit for Hotspot service.

The 480 is, however, a very nice HF radio.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of ELErby@...
Sent: Monday, January 06, 2014 3:36 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Kenwood TS-480 + GMSK modem
Hello All,
I checked the files section to the group. Does anyone know if the TS-480 HF rig will work with the GMSK boards?

El - K4DJL

10742. RE: [gmsk_dv_node] Kenwood TS-480 + GMSK modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-07 03:49:04 UTC
From: <ELErby@...>
Topic: 10740 Message: 10742

JIM,

THAT'S What I was thinking but didn't know if someone found a way to make it work. Looks like I'll have to go ICOM IC-7000 + GMSK modem.

El - K4DJL

10743. RE: Help choosing software for my hotspot please

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-07 09:49:50 UTC
From: <oz1lla@...>
Topic: 10699 Message: 10743

Mini-Hotspot board, the "Revision C", can you help me. i have too a raspberry pi, i need the software too my sd kard a image file whi all in . i am new user to pi, ther for a image file .
my mail adr is.
oz1lla@sydfynsmail.dk mailto:oz1lla@sydfynsmail.dk

vy 73 de oz1lla
denmark

10744. Re: [gmsk_dv_node] Re: GMSK Moen Board, Raspberry PI not passing dstar traffic - RESOLVED

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-07 09:56:35 UTC
From: <oz1lla@...>
Topic: 10604 Message: 10744

Mini-Hotspot board, the "Revision C", can you help me whi image file to a sd kard too my raspberry pi whi all in
oz1lla@sydfynsmail.dk mailto:oz1lla@sydfynsmail.dk
vy 73 de oz1lla
denmark

10745. RE: [gmsk_dv_node] nqsmhs and Raspberry pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-07 10:01:42 UTC
From: <oz1lla@...>
Topic: 10571 Message: 10745

Mini-Hotspot board, the "Revision C", can you help me whi image file to a sd kard too my raspberry pi whi all
in i am new whi raspbery. my mail adr is

oz1lla@sydfynsmail.dk mailto:oz1lla@sydfynsmail.dk
vy 73 de oz1lla

10746. RE: D-RATS, GMSKREPEATER & iRCDDBGATEWAY

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-07 10:07:15 UTC
From: <oz1lla@...>
Topic: 10567 Message: 10746

Mini-Hotspot board, the "Revision C", can you help me whi image file to a sd kard too my raspberry pi whi all
in i am new whi raspbery. my mail adr is

oz1lla@sydfynsmail.dk mailto:oz1lla@sydfynsmail.dk
vy 73 de oz1lla

10747. RE: Raspberry Pi and NQSMHS board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-07 10:17:13 UTC
From: <oz1lla@...>
Topic: 10552 Message: 10747

Mini-Hotspot board, the "Revision C", can you help me whi image file to a sd kard too my raspberry pi whi all
in i am new whi raspbery. my mail adr is

oz1lla@sydfynsmail.dk mailto:oz1lla@sydfynsmail.dk
vy 73 de oz1lla

10748. RE: Raspberry Pi and NQSMHS board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-07 10:43:21 UTC
From: <oz1lla@...>
Topic: 10552 Message: 10748

Mini-Hotspot board, the "Revision C", can you help me whi image file to a sd kard too my raspberry pi whi all
in i am new whi raspbery. my mail adr is

oz1lla@sydfynsmail.dk mailto:oz1lla@sydfynsmail.dk
vy 73 de oz1lla

10749. RE: [gmsk_dv_node] RE: Raspberry Pi and NQSMHS board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-08 18:03:36 UTC
From: J. M. Moen
Topic: 10552 Message: 10749

You have several choices, and all of them work well. The first 3 have you get an SD image file to write to your SD card. Your Pi will boot up with Linux configured and Hotspot programs installed. You will need to do some configuration, for example to put in your own callsign. These images have a windowing server installed (for example, X11VNC), allowing you to log onto the Pi over your internal network and avoiding hooking up a monitor, keyboard and mouse. The 4th option has you start with Linux installed, and installs/configures the G4KLX programs.

* Get an image from Brian GW6WTK at http://westerndstar.co.uk/html/downloads.html . You can choose GMSK+ircDDB+VNC or D-StarRepeater+ircDDB_VNC. This has G4KLX programs installed -- the GMSK version is what many people are using, but the author is moving toward a common repeater called D-StarRepeater, which is what is installed on the other image.
* Get an image from Adrian VK4TUX. He has created images with Pidora Linux and KI4LKF Hotspot programs, plus some other add-on features. Look for posts by Adrian on this group or contact him by email. His website at http://vk4tux.no-ip.org/info.html has information how to build your own system, if you prefer that.
* Get an image from Ramesh VA3UV at – http://www.ve2mrc.com/freestar/free-star-pi-4gb.7z - install guide at http://www.va3uv.com/hp/Debian-install-new.pdf – FreeStar is Ramesh's name for KI4LKF's programs. Good documentation. FreeStar has almost all the same features as G4KLX, except last I checked, it does not yet support CCS callsign routing, though Ramesh is working on that.
* Install Raspbian (Debian) Linux on your Pi, then use the install procedures and repositories provided by Hans DL5DI. See http://groups.yahoo.com/neo/groups/ircDDBGateway/files/Documentation/ and get the instructions for the DEB install.

For the above programs, you will probably need the DUTCH*Star Beta version software for your NQSMHS board. I know G4KLX requires that, and I think FreeStar does also. Email DUTCH*Star at fred@dutch-star.eu and give Fred your callsign and firmware license number. Install NATools from the DUTCH*Star website (there's a Windows version and an x86 Linux version, but not yet an ARM version for the Pi). Use NAWinCFG to configure after loading the Beta firmware.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of oz1lla@...
Sent: Tuesday, January 07, 2014 2:43 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] RE: Raspberry Pi and NQSMHS board
Mini-Hotspot board, the "Revision C", can you help me whi image file to a sd kard too my raspberry pi whi all
in i am new whi raspbery. my mail adr isoz1lla@...
vy 73 de oz1lla

10750. RE: [gmsk_dv_node] Re: NA Wintest Echo Cuts Out/ Fails

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-08 19:45:54 UTC
From: Fred PA4YBR
Topic: 10719 Message: 10750

The GUI version of the tools does exactly the same as the console-mode versions, and even use the same low-level driver code to get it done, so something "else" must be going wrong....

More detailed info is needed to make any kind of guess, though...

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of MICHAEL
Sent: Saturday, January 04, 2014 12:35 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: NA Wintest Echo Cuts Out/ Fails

Yes thats correct. I have updated firmware to very latest supplied by Fred. The red ptt LED lights up now but only the comman line version transmits. It all works and other DStar users can hear me and I can hear them.
--- In gmsk_dv_node@yahoogroups.com, "J. M. Moen" <jim@...> wrote:
>
> Michael,
>
> Are you saying the GUI version of Echo Test (NAWinTEST) does not get your
> MHS to transmit, but the command line version works ok?
>
> I haven't heard of that problem. Often when the board won't transmit,
> there's a mismatch between the board's jumper configuration and the firmware
> - specifically, if the board is told to operate in so-called "V4" mode but
> the firmware has RSSI Report turned on, or if the board is in "V5" mode but
> RSSI Report is turned off, then you won't be able to transmit. But this
> can't be the problem if it all works using command-line natest echo.
>
> Jim - K6JM
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of MICHAEL
> Sent: Wednesday, January 01, 2014 11:25 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] NA Wintest Echo Cuts Out/ Fails
> Good evening
> I have Mini hotspot Rev C which seems to be working well.
>

> However using NAWinTEST Echo Test fails. RF Header displays my callsign
etc.
> In Status there an immediate but very brief blue speaking callsign and
then
> green playing recorded message. The receive on my radio drops out
> immediately and swiches to transmit but no sound is transmitted back.
>
> If I use the NAtest ECHO(32bit) it is fine.
>
> I am running Windows XP.
>
> It is no influenced by changing NAWinCFG settings.
>
> the other thing is that although the system is working the Red PTT Led
never
> lights up.
>
> Any thoughts appreciated
>

10751. RE: [gmsk_dv_node] NA Wintest Echo Cuts Out/ Fails

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-08 21:04:35 UTC
From: Christopher Orr
Topic: 10719 Message: 10751

Michael-

I recently had a similar issue with audio cutting out or failing during an echo test. As it turns out, I had the board plugged into a powered USB hub that either couldn't handle the data throughput, or wasn't giving the board enough power. I didn't look further into the problem once I realized simply plugging it in to the computer cured it for me.

I hope this helps!

Thanks,
-chris W9CJO

On Wed, 1 Jan 2014, J. M. Moen wrote:

>
>
> Michael,
>
> Are you saying the GUI version of Echo Test (NAWinTEST) does not get your MHS to transmit, but the command line version works ok?
>
> I haven’t heard of that problem. Often when the board won’t transmit, there’s a mismatch between the board’s jumper configuration and the firmware – specifically, if the
> board is told to operate in so-called “V4” mode but the firmware has RSSI Report turned on, or if the board is in “V5” mode but RSSI Report is turned off, then you won’t be
> able to transmit. But this can’t be the problem if it all works using command-line natest echo.
>
>   Jim – K6JM
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of MICHAEL
> Sent: Wednesday, January 01, 2014 11:25 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] NA Wintest Echo Cuts Out/ Fails
>
> Good evening
> I have Mini hotspot Rev C which seems to be working well.
>
> However using NAWinTEST Echo Test fails. RF Header displays my callsign etc. In Status there an immediate but very brief blue speaking callsign and then green playing
> recorded message. The receive on my radio drops out immediately and swiches to transmit but no sound is transmitted back.
>
> If I use the NAtest ECHO(32bit) it is fine.

>
> I am running Windows XP.
>
> It is no influenced by changing NAWinCFG settings.
>
> the other thing is that although the system is working the Red PTT Led never lights up.
>
> Any thoughts appreciated
>
>
>
>

10752. WinDV - DV Node Dropping Reflectors

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-09 19:06:26 UTC
From: <rjnagy@...>
Topic: 10752 Message: 10752

Greetings-

Well, second day with my Moen star board. I'm connecting with
DCS006, but then it dis-connects after 3 minutes. I'm using the latest
1.5.5 software. I set the config to hold on for 60 minutes with no activity,
but it has no effect. Actually, I have not heard an actual signal come through yet either.

Any ideas?

Thanks-

Bob-AB5N

10753. RE: [gmsk_dv_node] WinDV - DV Node Dropping Reflectors

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-09 19:18:34 UTC
From: Fred PA4YBR
Topic: 10752 Message: 10753

Did you apply the update for DCS, also available from where you downloaded the main program? This sounds like an auto-disconnect because an older version of DCS is used, which is what that update fixes..

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of rjnagy@...
Sent: Thursday, January 09, 2014 8:06 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] WinDV - DV Node Dropping Reflectors

Greetings-

Well, second day with my Moen star board. I'm connecting with DCS006, but then it dis-connects after 3 minutes. I'm using the latest 1.5.5 software. I set the config to hold on for 60 minutes with no activity, but it has no effect. Actually, I have not heard an actual signal come through yet either.

Any ideas?

Thanks-

Bob-AB5N

10754. RE: [gmsk_dv_node] WinDV - DV Node Dropping Reflectors

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-09 19:50:24 UTC
From: <rjnagy@...>
Topic: 10752 Message: 10754

I downloaded the DCS .DLL fix, but there are no docs as to where it goes. I searched Windows/system32....not there.. not in the program's directory anywhere... ??

Bob

10755. RE: [gmsk_dv_node] WinDV - DV Node Dropping Reflectors

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-09 20:09:43 UTC
From: Fred PA4YBR
Topic: 10752 Message: 10755

Hi Bob,

From the README.txt file that is ALSO in the ZIP file:

```
--------------------------
DCS protocol update V1.0.9

Please copy this driver (DLL file) over
the existing file, and all is well again.

04/30/2013, Fred PA4YBR
--------------------------
```

and this would be in the C:\Program Files\MicroWalt Corporation\WinDV
for 32bit systems, and C:\Program Files (x86)\MicroWalt Corporation\WinDV
for most 64bit-based systems.

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of rjnagy@...
Sent: Thursday, January 09, 2014 8:50 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] WinDV - DV Node Dropping Reflectors

I downloaded the DCS .DLL fix, but there are no docs as to where it goes. I searched Windows/system32....not there.. not in the program's directory anywhere... ??

Bob

10756. RE: [gmsk_dv_node] WinDV - DV Node Dropping Reflectors

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-10 14:28:02 UTC
From: <rjnagy@...>
Topic: 10752 Message: 10756

Thank you! It works! Bob-AB5N

10757. RE: [gmsk_dv_node] WinDV - DV Node Dropping Reflectors

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-10 14:30:22 UTC
From: Fred PA4YBR
Topic: 10752 Message: 10757

Hi Bob,

Great! This problem will be fixed later tonight, when I release the new version
of the program, which obviously includes that newer DCS driver.

Fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of rjnagy@...
Sent: Friday, January 10, 2014 3:28 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] WinDV - DV Node Dropping Reflectors

Thank you! It works! Bob-AB5N

10758. Linking and router ports....??

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-10 14:32:53 UTC
From: <rjnagy@...>
Topic: 10758 Message: 10758

Greetings all-
It seems I can connect to reflectors fine, but I can't pass any audio through repeaters. I'm running a Motorola SBG6580 gateway combo and DVRPTR. VK4TUX set it up for me.
No matter what I do, It will not forward any ports except 80 and 222. Firewall off, all forwarding set correctly.... and canyouseeme.com shows the high number ports closed (20000-30000-40000 range). It's odd to see that I have hit the repeater system (dstarusers) and not actually get into the system. Anyone have experience with the 6580? I am ready to go get separates (router/modem) and try again. I just cannot believe that the 6580 won't forward ports.

73's

Bob-AB5N

10759. salutations..

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-10 02:38:18 UTC
From: Deathangel Deathangel
Topic: 10759 Message: 10759
Attachments: 1 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

10760. RE: [gmsk_dv_node] Linking and router ports....??

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-10 14:51:09 UTC
From: Fred PA4YBR
Topic: 10758 Message: 10760

Bob,

A connection to a reflector (or other gateway) is essentially an outbound UDP stream. So, on your end, it will "connect" a local UDP port number to the local IP address of the host that generates the stream (the system that runs the gateway software), and then attempts to connect to an UDP port of the remote system.

Since this is an OUTBOUND stream, the local router/firewall already knows that reply packets are to be expected, and so it saves this info in its port forwarding table. Such entries will be removed after a certain "dead time" has passed since the last packet in that stream was "seen".

So, depending on which protocol you are using to connect, this should be just fine. You can "help" your local router/firewall by telling it about these
ports, if you always use the same system for D-STAR (a PC, or an RPi setup, etc).

Since you used the term 'linking', I will assume you are trying do perform G2 linking directly from your gateway to another. This uses the G2DV carrier protocol for the actual data stream, which uses UDP ports 40000 through 40005 (usually just 40000, but the others CAN happen.) If you use the ircDDB system to obtain routing info, there will also be an outbound TCP stream to port 9007 of the selected ircDDB server, but, like I said above,
its outbound, so you dont have to "open" anything for that.

Let's assume that you have an RPi on local address 192.168.1.200. It is running the various D-STAR software packages.

On your router/firewall, you will have to configure the port forwarding table:

Protocol port(s) LocalIP Description
udp 20001 192.168.1.200 DPlus
udp 30001 192.168.1.200 DExtra
udp 30051 192.168.1.200 DCS
udp 40000-5 192.168.1.200 G2DV

to allow incoming packets in the first place, and then also tell it to which local (internal) IP address to forward these packets if they arrive... that would be the system that runs the D-STAR software on your LAN.

Decent routers do not need this for "normal" traffic, but if your router does
need it, there you go.

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of rjnagy@...
Sent: Friday, January 10, 2014 3:33 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Linking and router ports....??

Greetings all-
It seems I can connect to reflectors fine, but I can't pass any audio through repeaters. I'm running a Motorola SBG6580 gateway combo and DVRPTR. VK4TUX set it up for me.
No matter what I do, It will not forward any ports except 80 and 222. Firewall off, all forwarding set correctly.... and canyouseeme.com shows the high number ports closed (20000-30000-40000 range). It's odd to see that I have hit the repeater system (dstarusers) and not actually get into the system. Anyone have experience with the 6580? I am ready to go get separates (router/modem) and try again. I just cannot believe that the 6580
won't forward ports.

73's

Bob-AB5N

10761. Re: [gmsk_dv_node] Linking and router ports....??

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-10 15:06:55 UTC
From: Adrian
Topic: 10758 Message: 10761

Bon, canyouseeme.org only tests tcp ports, not udp, can the router will
allow outgoing links in anycase and prevent
incoming if not open, we tested that,..

I do think a good quality router will help your experience.

However today I noticed when meeting on a pre-determined repeater:

I did not see the urcall command from you to do so;

However your reflector link commands look good for DCS

2014-01-10 14:16:34: Repeater - My: AB5N /ID51 Your: DCS005ML Rpt1: AB5N C Rpt2: AB5N G
2014-01-10 14:17:22: Repeater - My: AB5N /ID51 Your: U Rpt1: AB5N C Rpt2: AB5N G
2014-01-10 14:17:30: Repeater - My: AB5N /ID51 Your: DCS006BL Rpt1: AB5N C Rpt2: AB5N G

watch your dashboard next time when you link to be sure.

http://ab5n.no-ip.biz/

We can test again when you are ready.

Adrian ... vk4tux

-----Original Message-----
From: rjnagy@...
Reply-to: gmsk_dv_node@yahoogroups.com
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Linking and router ports....??
Date: 10 Jan 2014 06:32:53 -0800

Greetings all-
It seems I can connect to reflectors fine, but I can't pass any audio
through repeaters. I'm running a Motorola SBG6580 gateway combo and
DVRPTR. VK4TUX set it up for me.
No matter what I do, It will not forward any ports except 80 and 222.
Firewall off, all forwarding set correctly.... and canyouseeme.com shows
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into the system. Anyone have experience with the 6580? I am ready to go
get separates (router/modem) and try again. I just cannot believe that
the 6580
won't forward ports.

73's

Bob-AB5N

10762. Re: [gmsk_dv_node] Linking and router ports....??

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-10 15:10:32 UTC
From: Adrian
Topic: 10758 Message: 10762

Bob, canyouseeme.org only tests tcp ports, not udp, can the router will
allow outgoing links in anycase and prevent
incoming if not open, we tested that,..

I do think a good quality router will help your experience.

However today I noticed when meeting on a pre-determined repeater:

I did not see the urcall command from you to do so;

However your reflector link commands look good for DCS

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watch your dashboard next time when you link to be sure.

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We can test again when you are ready.

Adrian ... vk4tux

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Adrian ... vk4tux

Adrian ... vk4tux

-----Original Message-----
From: rjnagy@...
Reply-to: gmsk_dv_node@yahoogroups.com
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Linking and router ports....??
Date: 10 Jan 2014 06:32:53 -0800

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get separates (router/modem) and try again. I

just cannot believe that the 6580
won't forw

ard ports.

73's

Bob-AB5N

10764. dv node

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-10 21:45:15 UTC
From: <jmsrandazzo@...>
Topic: 10764 Message: 10764

hello group iam trying to get into dstar i am and old hf guy here i have icom -2200h i have icom 706 and i have ft-2600 my question is well the 706 hook up to the brd or the 2600 hook up to the brd my ic-2200h is my dstar radio like i said group i am new to this thank you

10765. dv node

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-10 21:45:35 UTC
From: <jmsrandazzo@...>
Topic: 10764 Message: 10765

me again geee and i have the respberry pi may be a diagram how to hook this stuff up like i said i am new

10766. RE: [gmsk_dv_node] Linking and router ports....??

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-10 22:49:18 UTC
From: <rjnagy@...>
Topic: 10758 Message: 10766

Thank you Fred!

You and Adrian have been a Godsend. I could have never gotten there from here.

I'll re-read your email several times in the thought that the topography of TCPIP and Dstar will start to reveal itself through the dense fog.

It seems now that my problem is my Motorola SBG6580 gateway. It just won't open ports. this has been reported by many on the forums. I've ordered a 6141 modem and Cisco router which will give me another chance at opening these ports.

Some day, you two need to do a pay-per-view Dstar video tutorial which de-mystefies Dplus, Dextra, G2DV, ircDDB...and gives us a handle on data flow through the Dstar system. Most people stumble into functionality and never learn any more about the workings of the system. Certainly, this is the most complex area of Amateur radio.

Thank you again!
Bob-AB5N

10767. Re: [gmsk_dv_node] Linking and router ports....??

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-10 23:54:43 UTC
From: Adrian
Topic: 10758 Message: 10767

Bob, don't confuse linking and routing, when you are linking to
another repeater(gateway) using my hostfile system and quadnet cache,
you are infact linking
via the # dextra UDP ports range 30001 ~.

The 40000 ~ range is used for routing when you use a callsign in the
urcall to route,

instead of a xxxxxxpL command to 'link' replaced by CQCQCQ to then qso
using # (if dextra).

[root@fedora20desk log]# remotecontrold vk4tux_c link never ab5n___c
remotecontrold: command accepted by the gateway

i.e, from my gateway log;

M: 2014-01-10 23:44:12: Remote control user has linked "VK4TUX C" to
"AB5N C" with reconnect 0
M: 2014-01-10 23:44:12: Linking VK4TUX C to AB5N C
M: 2014-01-10 23:44:12: DExtra ACK message received from AB5N C
M: 2014-01-10 23:44:12: DExtra link to AB5N C established
M: 2014-01-10 23:45:08: Removing outgoing DExtra link VK4TUX C, AB5N C
M: 2014-01-10 23:45:08: DExtra link to AB5N C has ended
M: 2014-01-10 23:45:22: Remote control user has linked "VK4TUX C" to
"AB5N C" with reconnect 0
M: 2014-01-10 23:45:22: Linking VK4TUX C to AB5N C
M: 2014-01-10 23:45:22: DExtra ACK message received from AB5N C
M: 2014-01-10 23:45:22: DExtra link to AB5N C established
[root@fedora20desk log]#

The remotecontrold feature on the command line is the same as the
xxxxxxpL urcall linking procedure.

Adrian ... vk4tux

-----Original Message-----
From: rjnagy@...
Reply-to: gmsk_dv_node@yahoogroups.com
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Linking and router ports....??
Date: 10 Jan 2014 14:49:18 -0800

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ports. this has been reported by many on the forums. I've ordered a 6141 modem and
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Some day, you two need to do a pay-per-view Dstar video tutorial which de-mystefies Dplus,
Dextra, G2DV, ircDDB...and gives us a handle on data flow through the Dstar system.
Most people stumble into functionality and never learn any more about the workings of the
system. Certainly, this is the most complex area of Amateur radio.

Thank you again!
Bob-AB5N

10768. Re: [gmsk_dv_node] Linking and router ports....??

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-11 00:59:43 UTC
From: Adrian
Topic: 10758 Message: 10768

To check the udp ports utilised do;

```
[root@fedora20desk ~]# netstat -au | grep -e 20 -e 30 -e 40
udp 0 0 0.0.0.0:53000
0.0.0.0:*
udp 0 0 fedora20desk.gate:57149 telstra.gateway:5351
ESTABLISHED
udp 0 0 fedora20desk.gate:40913
0.0.0.0:*
udp 0 0 fedora20desk.gate:33010
0.0.0.0:*
udp 0 0 0.0.0.0:30003
0.0.0.0:*
udp 0 0 0.0.0.0:30004
0.0.0.0:*
udp 0 0 0.0.0.0:30005
0.0.0.0:*
udp 0 0 0.0.0.0:30006
0.0.0.0:*
udp 0 0 0.0.0.0:30007
0.0.0.0:*
udp 0 0 0.0.0.0:30051
0.0.0.0:*
udp 0 0 0.0.0.0:30052
0.0.0.0:*
udp 0 0 0.0.0.0:30053
0.0.0.0:*
udp 0 0 0.0.0.0:30054
0.0.0.0:*
udp 0 0 0.0.0.0:30055
0.0.0.0:*
udp 0 0 0.0.0.0:30056
0.0.0.0:*
udp 0 0 0.0.0.0:30057
0.0.0.0:*
udp 0 0 0.0.0.0:30061
0.0.0.0:*
udp 0 0 0.0.0.0:30062
0.0.0.0:*
udp 0 0 0.0.0.0:43052
0.0.0.0:*
udp 0 0 0.0.0.0:20004
0.0.0.0:*
udp 0 0 0.0.0.0:20006
0.0.0.0:*
```

```
udp 0 0 0.0.0.0:20007
0.0.0.0:*
udp 0 0 fedora20desk.gate:20010
0.0.0.0:*
udp 0 0 fedora20des:ss-idi-disc
0.0.0.0:*
[root@fedora20desk ~]#
```

Adrian ... vk4tux

10769. RE: WinDV - DV Node Dropping Reflectors

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-11 09:51:21 UTC
From: <m1dns.gb3hb@...>
Topic: 10752 Message: 10769

Bob excuse me if I get this wrong, but reading your post, as
I set it to hold on for 60 mins, I think you may have the wrong idea abt reconnect 60

The reconnect 60, will monitor your repeater for 60 mins, if your repeater has no local activity, it will reconnect to the assigned reflector or repeater..

But as I say, that's how I read you post, you might already know otherwise

regards A. DNS

---In gmsk_dv_node@yahoogroups.com, <rjnagy@...> wrote:

Greetings-

Well, second day with my Moen star board. I'm connecting with
DCS006, but then it dis-connects after 3 minutes. I'm using the latest
1.5.5 software. I set the config to hold on for 60 minutes with no activity,
but it has no effect. Actually, I have not heard an actual signal come through yet either.

Any ideas?

Thanks-

Bob-AB5N

10770. RE: Linking and router ports....??

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-11 14:55:10 UTC
From: <m1dns.gb3hb@...>
Topic: 10758 Message: 10770

There is a very good web site for setting up port forwarding..

Portforward .com

Click the guide section in the left hand screen, and search if a guide is available for you modem/router..

I would look for you but I'm posting using a mobile phone at this time..

A.DNS
Sent from my Android phone.. Hi

10771. hey.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-11 08:45:21 UTC
From: Laurence Mathews
Topic: 10771 Message: 10771
Attachments: 1 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

10772. RE: [gmsk_dv_node] dv node

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-11 21:16:07 UTC
From: J. M. Moen
Topic: 10764 Message: 10772

Take a quick look at the diagram at the top of the web page “Building a D-Star Compatible Hotspot” at

http://www.k6jm.com/hs-setup.htm

Regarding your questions about whether certain radios will work with a GMSK Modem, in general we look for a radio that supports 9600 baud packet data. What I do is download the radio’s manual and look to see if there’ a connector on the back for packet data. If so, I look to see if there’s a packet data rate setting in the menu system to select 1200 or 9600.

The IC-2200H does not appear to support packet data. It has an RS-232 connector on the back to connect to a PC, but not to a packet controller, which is similar to a GMSK Modem.

Your IC-706 does have a standard packet data connector (6 pin mini DIN), and the menu system allows you to select the 9600 baud rate, so that’s likely to work.

The FT-2600 also has a packet data conector (it’s a 9 pin D-Sub, so you’d have to build your own cable from GMSK Modem to the radio, but this is easy). It should work in Hotspot service.

There are a variety of Hotspot programs you can use. The popular DVAR and WinDV programs run on Windows. G4KLX and FreeStar run on both Windows and Linux, including on a Raspberry Pi. If you decide to proceed and use the Pi, I can send you my Pi installation notes.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of jmsrandazzo@...
Sent: Friday, January 10, 2014 1:45 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] dv node

hello group iam trying to get into dstar i am and old hf guy here i have icom -2200h i have icom 706 and i have ft-2600 my question is well the 706 hook up to the brd or the 2600 hook up to the brd my ic-2200h is my dstar radio like i said group i am new to this thank you

and i have the respberry pi may be a diagram how to hook this stuff up like i said i am new

10773. RE: WinDV - DV Node Dropping Reflectors

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-14 16:14:18 UTC
From: <rjnagy@...>
Topic: 10752 Message: 10773

Yeah, fixed that problem with Fred's DCS patch....

Still fighting other main issues with Adrian. Obviously, there is a law past Murphy's Law that pertains to Dstar. "Even after everything going wrong that can go wrong is fixed, it goes wrong again". I think the law of gravity is the only more tenacious power. Bob

10774. Star*Board + Pi Install?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-19 10:50:12 UTC
From: <stuart@...>
Topic: 10774 Message: 10774

Hi All

Finally ready to start my hotspot project and have my Pi, SD card and Star*Board from Jim sitting here ready to go but am at a bit of a loss on where to start. I don't have any real programming skills I rely on guides and walk through's to get the job done just like the IRLPi guide which I was able to accomplish recently.

Can someone please point me in the right direction to get started please, think it was suggested I used G4KLX software, I can find various guides to setting up for DVAP on a Pi but not Star*Boards.

Thank you very much

Stuart M1EMB

10775. Re: DV Node adapter Dutch Star Rev.c Mini Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-19 21:42:06 UTC
From: Mike
Topic: 10713 Message: 10775

Jim,
I just joined the group and still a DStar novice. Have a 7100, 880 and Dongle. I was going to order a 51 this week but being over a dozen miles from the repeater thought either a DVAP or StarBoard as a little help and also would like my own hotspot.
My Question---after reading lots of posts and checking around the net and the Files area---Am I going to have lots of issues using my D700A with the Star Board?
Ref changing resistors on the board op amp--I have a hot air station but not crazy about messing with flea sized components.
Thanks,
Mike WA8EBM

--- In gmsk_dv_node@yahoogroups.com, "J. M. Moen" <jim@...> wrote:
>
> Bob,
>
> Good, educational post.
>
> I still recommend people check this Yahoo Group's website Files area to see
> if their proposed analog radio has already been used successfully with a
> GMSK Modem. I try to add information to that list as I learn about radios
> that work. If the proposed radio isn't found on the Yahoo website, it's a
> good idea to ask here - someone may be using that radio and will respond.
>
> In the short history of this technology, our rule of thumb has been - stay
> away from Phase Modulated radios, and check if the radio supports 9600 baud
> packet data, since typically in that mode, we get the RX data from the
> discriminator and TX goes directly to the modulator, without filtering or
> processing.
>
> This isn't always true, as we discovered with the recent Alinco Mark III
> radios. In that case, two alternate mods have been developed to make those
> radios usable.
>
> Others have found, and I have often seen, that many Kenwood radios require
> more TX audio drive to achieve the needed deviation, compared to most other
> 9600 baud packet-capable radios. This means the TX audio may have to be
> increased to the max, and sometimes even that is not enough. For example,
> my Kenwood D700 works with my GMSK Modem's TX pot set to max, but I know of
> others with a D700 where a bit more was needed. In that case, a small mod
> is possible (increasing the value of the op-amp's feedback resistor is what
> Fred PA4YBR recommends, and that does work). On the other hand, people with
> a Kenwood D710 and the MCP-2A program can actually change the Data Terminal
> PRD Pin input level. Normally that should be 7, but it can be adjusted.
>
> Final note - for people who don't have a service monitor - using the trial

> and error mode with an ICOM 31A or 51A is a relatively fast way to find a
> usable deviation setting. Those radios are much more sensitive to deviation
> than earlier D-Star radios.
>
> Bob - again thanks for the excellent info.
>
> Jim - K6JM
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
> Behalf Of g3vvt@...
> Sent: Friday, January 03, 2014 6:10 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Re: DV Node adapter Dutch Star Rev.c Mini Hotspot
>
> Looks ever more like we are loosing our grip with reality on which radios
> will work with GMSK modulation.
> If you go back 5 years or so on this group there was a lot more information
> in which radios would work with the then current Satoshi GMSK DV adapter. Am
> sure that this must be available somewhere to prevent the wasted effort that
> can happen in trying to make a radio work with GMSK modulation that never
> will.
>
> To my understanding Icom use quadrature modulation for their D-Star
> repeaters for GMSK modulation and is used in billions of mobile phones that
> use the same GMSK modulation system worldwide. Beyond that it can be rather
> difficult to find surplus radio equipment that uses this type of modulation.
> T get around this it was found that radios using proper FM TX mod (F3E)
> could normally be utilized, but radios that generated the FM TX mod with
> phase modulation/PM (G3E) would just not work. Sadly this took in many
> radios marketed for the amateur radio market. A matter of looking at the
> specification or even the schematic given for the particular radio to find
> out what type it is.
>
> Incidentally the Yaesu FT-817 was one of the radios that did work as that
> does use proper FM for the generation of TX modulation.
>
> Next to quadrature modulation the best modulation system was said to be 2
> point FM modulation as used by many professional LMR/PMR systems such as
> some models from Simoco, Philips, Pye, Tait, etc, etc. I opted for one of
> the Tait repeater base station radios available on the surplus market when
> building our local GMSK DV repeater. A bonus with this is that they are
> often designed for continuous service unlike amateur radio equipment which
> is only normally capable of intermittent service. GMSK and other digital
> data modes can cause a severe strain on the TX PA in particular.
>
> Is important that the RX side to the adapter is fed with flat audio direct
> from the FM detector that has not been de-emphasized. Following this in the
> case of the TX modulation this must not be pre-emphasized and work as far as
> possible in a linear mode across the modulation spectrum. As the deviation
> required for GMSK modulation is only +/-1.2kHz, it is possible to use the

> CTCSS input of the TX modulator with the Tait repeater radio I used for this
> purpose. A matter of monitoring the TX deviation with a Service Monitor or
> Deviation Meter whilst adjusting the TX level preset on the GMSK DV adapter
> board to reach the correct TX deviation level.
>
> On the RX side the RX preset on the GMSK DV adapter board is normally set up
> with the aid of an oscilloscope and an on frequency D-Star transmission to
> provide the correct level into the CODEC chip as recommended by the chip
> manufacturer. This from memory was 800mV pk to pk at the test point.
>
> From there it is a matter of running the various test programs with the GMSK
> DV adapter board to determine if the RX is needed to be Inverted or Normal
> and TX Inverted or Normal with the particular radio in use.
>
> Doing this empirically by trial and error plus getting the various levels
> correct can be an extremely long winded and frustrating process with a level
> of good luck needed as shown by the emails on the subject. When you add to
> that some radios are apparently incapable of working anyway, there is a
> large chance of problems.
>
> Having worked in professional radio systems and had access to decent test
> equipment, made it a goal to acquire suitable items of test equipment on
> retirement as and when these appeared on the surplus market at affordable
> prices. To get away from this it is possible for the GMSK DV adapter
> manufacturer to provide a board ready set up for a particular radio to cut
> away the problems that can occur. Believe Jim, K6JM did do this at one time
> with his board tailored to specific radios on request. With other DV adapter
> boards you may run into difficulties on this score.
>
> A happy New Year to all.
>
> Regards,
> Bob, G3VVT
> Keeper/builder GB7LF
>

10776. RE: [gmsk_dv_node] Star*Board + Pi Install?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-19 22:16:51 UTC
From: J. M. Moen
Topic: 10774 Message: 10776

Stuart,

I will send you (separately) my installation notes if you decide to use G4KLX and the Pi image published by Brian GW6WTK. But I'll mention the various choices you have.

* Get an image from Brian GW6WTK at http://westerndstar.co.uk/html/downloads.html . You can choose GMSK+ircDDB+VNC or D-StarRepeater+ircDDB_VNC. This has G4KLX programs installed -- the GMSK version is what many people are using, but the author is moving toward a common repeater called D-StarRepeater, which is what is installed on the other image.
* Get an image from Adrian VK4TUX. He has created images with Pidora Linux and KI4LKF Hotspot programs, plus some other add-on features. Look for posts by Adrian on this group or contact him by email. His website at http://vk4tux.no-ip.org/info.html has information how to build your own system, if you prefer that.
* Get an image from Ramesh VA3UV at – http://www.ve2mrc.com/freestar/free-star-pi-4gb.7z - install guide at http://www.va3uv.com/hp/Debian-install-new.pdf – FreeStar is Ramesh's name for KI4LKF's programs. Good documentation. FreeStar has almost all the same features as G4KLX, except last I checked, it does not yet support CCS callsign routing, though Ramesh is working on that.
* Install Raspbian (Debian) Linux on your Pi, then take John K7VE's advice and use the install procedures and repositories provided by Hans DL5DI. As John pointed out, see http://groups.yahoo.com/neo/groups/ircDDBGateway/files/Documentation/ and get the instructions for the DEB install.

You'll need the Beta version of the DUTCH*Star firmware, since that is required by all of the above options.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of stuart@...
Sent: Sunday, January 19, 2014 2:50 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Star*Board + Pi Install?
Hi All
Finally ready to start my hotspot project and have my Pi, SD card and Star*Board from Jim sitting here ready to go but am at a bit of a loss on where to start. I don't have any real programming skills I rely on guides and walk through's to get the job done just like the IRLPi guide which I was able to accomplish recently.
Can someone please point me in the right direction to get started please, think it was suggested I used G4KLX software, I can find various guides to setting up for DVAP on a Pi but not Star*Boards.
Thank you very much
Stuart M1EMB

10777. RE: [gmsk_dv_node] Star*Board + Pi Install?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-21 09:17:13 UTC
From: <n9ozr@...>
Topic: 10774 Message: 10777

Hi Jim,

I am also ready to begin configuring my Star*Board on a Pi. I was wondering which firmware we would be required to use and which of the above listed builds you would consider the most stable and easily configurable.

Thanks Much

Dennis N9OZR

10778. Re: [gmsk_dv_node] Star*Board + Pi Install?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-20 19:35:56 UTC
From: Adrian
Topic: 10774 Message: 10778

test

-----Original Message-----
From: n9ozr@...
Reply-to: gmsk_dv_node@yahoogroups.com
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Star*Board + Pi Install?
Date: 21 Jan 2014 01:17:13 -0800

Hi Jim,

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Thanks Much

Dennis N9OZR

10779. Re: [gmsk_dv_node] Star*Board + Pi Install?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-20 19:40:23 UTC
From: Adrian
Topic: 10774 Message: 10779

test2 what is wrong with yahoo

-----Original Message-----
From: n9ozr@...
Reply-to: gmsk_dv_node@yahoogroups.com
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Star*Board + Pi Install?
Date: 21 Jan 2014 01:17:13 -0800

Hi Jim,

I am also ready to begin configuring my Star*Board on a Pi. I was wondering which firmware we would be required to use and which of the above listed builds you would consider the most stable and easily configurable.

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Dennis N9OZR

10780. Re: [gmsk_dv_node] Star*Board + Pi Install?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-20 19:42:00 UTC
From: Adrian
Topic: 10774 Message: 10780

So you have a html ban here on the group, 20 posts did not make it.

-----Original Message-----
From: Adrian <vk4tux@...>
Reply-to: gmsk_dv_node@yahoogroups.com
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Star*Board + Pi Install?
Date: Tue, 21 Jan 2014 05:40:23 +1000

test2 what is wrong with yahoo

-----Original Message-----
From: n9ozr@...
Reply-to: gmsk_dv_node@yahoogroups.com
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Star*Board + Pi Install?
Date: 21 Jan 2014 01:17:13 -0800

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above listed builds you would consider the most stable and easily
configurable.

Thanks Much

Dennis N9OZR

10781. abra cadabra

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-20 19:39:28 UTC
From: Adrian
Topic: 10781 Message: 10781

I have setup a few Moencomm board Rpi systems recently with my new image;

tuxDL5DIauto_sdgd.img

which has some specialised hardfloat libraries , kernel & firmware installed.

There have been no issues, the last being here;

http://96.27.1.1:82/

http://96.27.1.1:82/opendvconfig.php

Adrian ... vk4tux

10782. Re: [gmsk_dv_node] Star*Board + Pi Install?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-20 19:38:46 UTC
From: Adrian
Topic: 10774 Message: 10782

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There have been no issues, the last being here;

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http://96.27.1.1:82/opendvconfig.php

Adrian ... vk4tux

-----Original Message-----
From: J. M. Moen <jim@...>
Reply-to: gmsk_dv_node@yahoogroups.com
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Star*Board + Pi Install?
Date: Sun, 19 Jan 2014 14:16:51 -0800

Stuart,

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? Get an image from Adrian VK4TUX. He has created images with Pidora Linux and KI4LKF Hotspot programs, plus some other add-on features. Look for posts by Adrian on this group or contact him by email. His website at http://vk4tux.no-ip.org/info.html has information how to build your own system, if you prefer that.

? Get an image from Ramesh VA3UV at ? http://www.ve2mrc.com/freestar/free-star-pi-4gb.7z - install guide at http://www.va3uv.com/hp/Debian-install-new.pdf ? FreeStar is Ramesh?s name for KI4LKF?s programs. Good documentation. FreeStar has almost all the same features as G4KLX, except last I checked, it does not yet support CCS callsign routing, though Ramesh is working on that.

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Jim ? K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of stuart@...
Sent: Sunday, January 19, 2014 2:50 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Star*Board + Pi Install?

Hi All

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Can someone please point me in the right direction to get started please, think it was suggested I used G4KLX software, I can find various guides to setting up for DVAP on a Pi but not Star*Boards.

Thank you very much

Stuart M1EMB

10783. Re: [gmsk_dv_node] Star*Board + Pi Install?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-20 19:38:27 UTC
From: Adrian
Topic: 10774 Message: 10783

I have setup a few Moencomm board Rpi systems recently with my new image;

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http://96.27.1.1:82/

http://96.27.1.1:82/opendvconfig.php

Adrian ... vk4tux

-----Original Message-----
From: n9ozr@...
Reply-to: gmsk_dv_node@yahoogroups.com
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Star*Board + Pi Install?
Date: 21 Jan 2014 01:17:13 -0800

Hi Jim,

I am also ready to begin configuring my Star*Board on a Pi. I was wondering which firmware we would be required to use and which of the above listed builds you would consider the most stable and easily configurable.

Thanks Much

Dennis N9OZR

10784. Re: [gmsk_dv_node] Star*Board + Pi Install?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-20 19:38:12 UTC
From: Adrian
Topic: 10774 Message: 10784

I have setup a few Moencomm board Rpi systems recently with my new image;

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There have been no issues, the last being here;

http://96.27.1.1:82/

http://96.27.1.1:82/opendvconfig.php

Adrian ... vk4tux

-----Original Message-----
From: Adrian <vk4tux@...>
Reply-to: gmsk_dv_node@yahoogroups.com
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Star*Board + Pi Install?
Date: Tue, 21 Jan 2014 05:35:56 +1000

test

-----Original Message-----
From: n9ozr@...
Reply-to: gmsk_dv_node@yahoogroups.com
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Star*Board + Pi Install?
Date: 21 Jan 2014 01:17:13 -0800

Hi Jim,

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Dennis N9OZR

10785. Re: [gmsk_dv_node] Star*Board + Pi Install?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-20 19:37:48 UTC
From: Adrian
Topic: 10774 Message: 10785

I have setup a few Moencomm board Rpi systems recently with my new image;

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which has some specialised hardfloat libraries , kernel & firmware installed.

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Adrian ... vk4tux

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From: n9ozr@...
Reply-to: gmsk_dv_node@yahoogroups.com
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Star*Board + Pi Install?
Date: 21 Jan 2014 01:17:13 -0800

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10786. Re: [gmsk_dv_node] Star*Board + Pi Install?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-20 19:37:25 UTC
From: Adrian
Topic: 10774 Message: 10786

I have setup a few Moencomm board Rpi systems recently with my new image;

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Adrian ... vk4tux

10787. Re: [gmsk_dv_node] Star*Board + Pi Install?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-20 19:36:53 UTC
From: Adrian
Topic: 10774 Message: 10787

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http://96.27.1.1:82/opendvconfig.php

Adrian ... vk4tux

10788. [Fwd: Re: [gmsk_dv_node] Star*Board + Pi Install?]

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-20 19:34:56 UTC
From: Adrian
Topic: 10788 Message: 10788

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From: J. M. Moen <jim@...>
Reply-to: gmsk_dv_node@yahoogroups.com
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Star*Board + Pi Install?
Date: Sun, 19 Jan 2014 14:16:51 -0800

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Jim ? K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of stuart@...
Sent: Sunday, January 19, 2014 2:50 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Star*Board + Pi Install?

Hi All

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Thank you very much

Stuart M1EMB

–

10789. Re: [gmsk_dv_node] Star*Board + Pi Install?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-21 02:17:27 UTC
From: Adrian
Topic: 10774 Message: 10789

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Adrian ... vk4tux

-----Original Message-----
From: J. M. Moen <jim@...>
Reply-to: gmsk_dv_node@yahoogroups.com
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Star*Board + Pi Install?
Date: Sun, 19 Jan 2014 14:16:51 -0800

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From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of stuart@...
Sent: Sunday, January 19, 2014 2:50 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Star*Board + Pi Install?

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Thank you very much

Stuart M1EMB

–

10790. Re: [gmsk_dv_node] Star*Board + Pi Install?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-21 02:15:08 UTC
From: Adrian
Topic: 10774 Message: 10790

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Adrian ... vk4tux

-----Original Message-----
From: J. M. Moen <jim@...>
Reply-to: gmsk_dv_node@yahoogroups.com
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Star*Board + Pi Install?
Date: Sun, 19 Jan 2014 14:16:51 -0800

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http://www.ve2mrc.com/freestar/free-star-pi-4gb.7z - install guide at
http://www.va3uv.com/hp/Debian-install-new.pdf ? FreeStar is Ramesh?s
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Sent: Sunday, January 19, 2014 2:50 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Star*Board + Pi Install?

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Thank you very much

Stuart M1EMB

10791. Re: [gmsk_dv_node] Star*Board + Pi Install?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-20 19:40:59 UTC
From: Adrian
Topic: 10774 Message: 10791

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Adrian ... vk4tux

-----Original Message-----
From: Adrian <vk4tux@...>
Reply-to: gmsk_dv_node@yahoogroups.com
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Star*Board + Pi Install?
Date: Tue, 21 Jan 2014 05:40:23 +1000

test2 what is wrong with yahoo

-----Original Message-----
From: n9ozr@...
Reply-to: gmsk_dv_node@yahoogroups.com
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Star*Board + Pi Install?
Date: 21 Jan 2014 01:17:13 -0800

Hi Jim,

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Thanks Much

Dennis N9OZR

10792. RE: [gmsk_dv_node] Star*Board + Pi Install?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-21 15:44:11 UTC
From: Fred PA4YBR
Topic: 10774 Message: 10792

Yeah, and you clicked 'send' for each of those boards? :)

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Adrian
Sent: Tuesday, January 21, 2014 3:15 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Star*Board + Pi Install?

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tux <https://www.dropbox.com/sh/8lakhl75xtwz34g/i1ChyoNwze> DL5DI <https://www.dropbox.com/sh/8lakhl75xtwz34g/i1ChyoNwze> auto_sdgd.img <https://www.dropbox.com/sh/8lakhl75xtwz34g/i1ChyoNwze>

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http://96.27.1.1:82/

http://96.27.1.1:82/opendvconfig.php

Adrian ... vk4tux

-----Original Message-----
From: J. M. Moen <jim@...
<mailto:%22J.%20M.%20Moen%22%20%3cjim@...%3e> >
Reply-to: gmsk_dv_node@yahoogroups.com
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Star*Board + Pi Install?
Date: Sun, 19 Jan 2014 14:16:51 -0800

Stuart,

I will send you (separately) my installation notes if you decide to use G4KLX and the Pi image published by Brian GW6WTK. But I'll mention the various choices you have.

. Get an image from Brian GW6WTK at http://westerndstar.co.uk/html/downloads.html . You can choose GMSK+ircDDB+VNC or D-StarRepeater+ircDDB_VNC. This has G4KLX programs installed -- the GMSK version is what many people are using, but the author is moving toward a common repeater called D-StarRepeater, which is what is

installed on the other image.

. Get an image from Adrian VK4TUX. He has created images with Pidora Linux and KI4LKF Hotspot programs, plus some other add-on features. Look for posts by Adrian on this group or contact him by email. His website at http://vk4tux.no-ip.org/info.html has information how to build your own system, if you prefer that.

. Get an image from Ramesh VA3UV at - http://www.ve2mrc.com/freestar/free-star-pi-4gb.7z - install guide at http://www.va3uv.com/hp/Debian-install-new.pdf - FreeStar is Ramesh's name for KI4LKF's programs. Good documentation. FreeStar has almost all the same features as G4KLX, except last I checked, it does not yet support CCS callsign routing, though Ramesh is working on that.

. Install Raspbian (Debian) Linux on your Pi, then take John K7VE's advice and use the install procedures and repositories provided by Hans DL5DI. As John pointed out, see http://groups.yahoo.com/neo/groups/ircDDBGateway/files/Documentation/ and get the instructions for the DEB install.

You'll need the Beta version of the DUTCH*Star firmware, since that is required by all of the above options.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of stuart@...
Sent: Sunday, January 19, 2014 2:50 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Star*Board + Pi Install?

Hi All

Finally ready to start my hotspot project and have my Pi, SD card and Star*Board from Jim sitting here ready to go but am at a bit of a loss on where to start. I don't have any real programming skills I rely on guides and walk through's to get the job done just like the IRLPi guide which I was able to accomplish recently.

Can someone please point me in the right direction to get started please, think it was suggested I used G4KLX software, I can find various guides to setting up for DVAP on a Pi but not Star*Boards.

Thank you very much

Stuart M1EMB

10793. RE: [gmsk_dv_node] Star*Board + Pi Install?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-21 23:27:31 UTC
From: J. M. Moen
Topic: 10774 Message: 10793

Dennis -- Sorry for being offline so long.

The Pi runs Linux. Right now, the 2 choices for Linux are G4KLX and FreeStar/KI4LKF. I know G4KLX requires the Beta version of DUTCH*Star firmware, and as far as I know, FreeStar does also.

Just email DUTCH*Star and ask Fred to email you the Beta hex file. He'll need your callsign and firmware license number.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of n9ozr@...
Sent: Tuesday, January 21, 2014 1:17 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Star*Board + Pi Install?
Hi Jim,
I am also ready to begin configuring my Star*Board on a Pi. I was wondering which firmware we would be required to use and which of the above listed builds you would consider the most stable and easily configurable.
Thanks Much
Dennis N9OZR

10794. RE: [gmsk_dv_node] Star*Board + Pi Install?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-21 23:33:22 UTC
From: J. M. Moen
Topic: 10774 Message: 10794

Not intentionally. Yahoo’s spam bot decided a bunch of notes were spam. Normally I’d release those notes right away, but was sick last week when this was happening. I apologize for the delay in getting the notes posted.

If other notes didn’t make it, please resend them.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Adrian
Sent: Monday, January 20, 2014 11:42 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Star*Board + Pi Install?

So you have a html ban here on the group, 20 posts did not make it.

10795. RE: [gmsk_dv_node] Star*Board + Pi Install?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-22 07:57:54 UTC
From: <n9ozr@...>
Topic: 10774 Message: 10795

Thanks Jim,
I have sent the email do Dutch*.
Do you have a personal preference as to which image to go with?

Dennis
N9OZR

10796. DVAR Software Issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-31 01:01:00 UTC
From: <dougw530@...>
Topic: 10796 Message: 10796

After having been away from dstar for a couple of months, I decided to fire up my hot spot today and I was greeted with the inability to connect to reflectors when using DVAR. I received "access denied" messages on my radio's screen. After connecting to reflectors with windv and also being successful by using a local dstar repeater, I have concluded that DVAR software has to be the culprit. I have checked and readjusted settings but cannot move beyond the "access denied" issue. Very weird to me because nothing of my knowing has changed since the last time I was on (Nov 2013) and all was well.

I run a starboard through an ft 8900r and was able to echo test etc using dvar just no love from reflectors. Any insight/help would be greatly appreciated! Dstar radio is an icom id 31a

73,

Doug AA0DW

10797. RE: DVAR Software Issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-01-31 14:10:29 UTC
From: <n0xia@...>
Topic: 10796 Message: 10797

Hello Doug, AA0DW,

Were you registered on the gateway, W0CDS? It's user database was deleted. Your call is not registered at this time. Look for another gateway to register on.

73

James, N0XIA

10798. Mobile 3g Dstar hotspot ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-04 15:48:00 UTC
From: <slorider58@...>
Topic: 10798 Message: 10798

I am wanting to build a mobile 3g hotspot. I would like to use a icom 92ad yeasu ft7800 moencomm star board and a BEAGLEBONE BLACK I just dont know if anyone has a beagle bone black working as of yet. Any thoughts or systems up and running ? Seems like it would work out better not having to boot from a sd card Just my thoughts

10799. Re: [gmsk_dv_node] Mobile 3g Dstar hotspot ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-04 16:43:05 UTC
From: David Webb
Topic: 10798 Message: 10799

First, you will need the Beta firmware for your Moencomm available from Dutch-Star.
You will also need a powered USB hub for the modem and the WiFi or 3G card, whichever you are going to use.

I'm running a Beaglebone Black with Debian Wheezy flashed on the onboard eMMC.
Instructions for doing it are here.
http://elinux.org/Beagleboard:Debian_On_BeagleBone_Black

After you do that, you can install the G4KLX software. http://download.prgm.org/dl5di-soft/opendv/documentation/ircddbgateway/ircDDBGateway-DEB-instructions-ENG-20120918.pdf

That should keep you busy for a little while.

Dave-KB1PVH

On Tuesday, February 4, 2014 10:48 AM, "slorider58@..." <slorider58@...> wrote:

I am wanting to build a mobile 3g hotspot. I would like to use a icom 92ad yeasu ft7800 moencomm star board and a BEAGLEBONE BLACK I just dont know if anyone has a beagle bone black working as of yet. Any thoughts or systems up and running ? Seems like it would work out better not having to boot from a sd card   Just my thoughts

10800. RE: [gmsk_dv_node] Mobile 3g Dstar hotspot ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-04 23:52:34 UTC
From: J. M. Moen
Topic: 10798 Message: 10800

Don WB5EKU got the G4KLX programs running on a BeagleBone Black last July, as I recall. He used the micro SD card reader on the BBB to load Debian onto the eMMC memory, and then used the DL5DI repositories to install G4KLX's programs. It has worked well for him for the last 6_ months and he's not using the SD card. Of course, he can still boot the BBB with a card to test other images.

Adrian VK4TUX has a good image for the BBB – contact him for more info.

If you want to run FreeStar, VA3UV has a BBB image that's publically available: http://www.va3uv.com/iso.htm

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of slorider58@...
Sent: Tuesday, February 04, 2014 7:48 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Mobile 3g Dstar hotspot ?
I am wanting to build a mobile 3g hotspot. I would like to use a icom 92ad yeasu ft7800 moencomm star board and a BEAGLEBONE BLACK I just dont know if anyone has a beagle bone black working as of yet. Any thoughts or systems up and running ? Seems like it would work out better not having to boot from a sd card Just my thoughts

10801. Re: [gmsk_dv_node] Mobile 3g Dstar hotspot ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-05 02:19:32 UTC
From: Donald Jacob
Topic: 10798 Message: 10801

Yes, I have and G4KLX (DL5HI) version running Debian on the eMMC card since last summer. Works great, and I have it running the majority of the time, only shut it down when I am going out of town. Its gateway call is KJ6MFU B. Make sure that you turn off logging (when you are sure that it is running correctly) so as to not run out of memory on the eMMC. Runs without SD card. I have run it on DVAP and GMSK modem, GMSK is what normally runs, and quite well, allows me to run radio on outside antenna, gives a nice footprint for local hotspot.
I have used 2 GMSK boards, the Moencom board and the Dutch*Star board, both preformed very well. Have not tried DVRPTR board.
Let me know if you need any more info, here or direct email
73
Don WB5EKU

On Tue, Feb 4, 2014 at 3:52 PM, J. M. Moen <jim@...> wrote:

>
>
> Don WB5EKU got the G4KLX programs running on a BeagleBone Black last
> July, as I recall. He used the micro SD card reader on the BBB to load
> Debian onto the eMMC memory, and then used the DL5DI repositories to
> install G4KLX's programs. It has worked well for him for the last 6_
> months and he's not using the SD card. Of course, he can still boot the
> BBB with a card to test other images.
>
> Adrian VK4TUX has a good image for the BBB - contact him for more info.
>
> If you want to run FreeStar, VA3UV has a BBB image that's publically
> available:
>
> *http://www.va3uv.com/iso.htm* <http://www.va3uv.com/iso.htm>
>
> Jim - K6JM
>
> *From:* gmsk_dv_node@yahoogroups.com
[mailto:gmsk_dv_node@yahoogroups.com<gmsk_dv_node@yahoogroups.com>
>]* On Behalf Of* slorider58@...
> *Sent:* Tuesday, February 04, 2014 7:48 AM
> *To:* gmsk_dv_node@yahoogroups.com
> *Subject:* [gmsk_dv_node] Mobile 3g Dstar hotspot ?
>
> I am wanting to build a mobile 3g hotspot. I would like to use a icom
> 92ad yeasu ft7800 moencomm star board and a BEAGLEBONE BLACK I just dont
> know if anyone has a beagle bone black working as of yet. Any thoughts or
> systems up and running ? Seems like it would work out better not having to

> boot from a sd card Just my thoughts
>
>
>

10802. Blue dutchstar and ft-100

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-05 12:29:48 UTC
From: fozzyone
Topic: 10802 Message: 10802

Hiya all

I am trying to set up my dutchstar board onto an ft-100 yaesu.

It is receiving data and apparently sending but very garbled, has anyone else set up to one of these radios with success.

Have tested with echo test and can hear my callsign being repeated.

Cheers
Paul

10803. RE: [gmsk_dv_node] Blue dutchstar and ft-100

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-05 12:34:11 UTC
From: Fred PA4YBR
Topic: 10802 Message: 10803

Paul,

So, transmitting (from the board into the FT-100)results in garbled audio
on the D-STAR radio that then receives the signal?

This *usually* is a result of either:

- not enough "audio drive" into the FT-100
- FT-100 not (properly) set for 9600 mode

Pse check and let us know!

Cheers,

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of fozzyone
Sent: Wednesday, February 05, 2014 1:30 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Blue dutchstar and ft-100

Hiya all

I am trying to set up my dutchstar board onto an ft-100 yaesu.

It is receiving data and apparently sending but very garbled, has anyone
else set up to one of these radios with success.

Have tested with echo test and can hear my callsign being repeated.

Cheers
Paul

10804. RE: [gmsk_dv_node] Blue dutchstar and ft-100

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-05 22:48:45 UTC
From: <fozzyone@...>
Topic: 10802 Message: 10804

Hi Fred. Thanks for the reply.
The rig is on 9600baud. Fm dev on 2.5 and ..... I have just realised that I am an idiot !!!

The rig is on fm and not digi.

Eeerm. I will try again tomorrow , What's that phrase. Read the xx manual

Cheers
Paul

10805. RE: Blue dutchstar and ft-100

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-06 07:46:38 UTC
From: <fozzyone@...>
Topic: 10802 Message: 10805

Hi Fred

I couldnt wait till after work so have had a quick go with it this morning and gues what.... yes I am an idiot ha ha

put rig on digi mode and now my audio is perfect.

just gotta finish setting up for reflectors ect.

cheers
paul

10806. RE: [gmsk_dv_node] RE: Blue dutchstar and ft-100

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-06 08:09:25 UTC
From: J. M. Moen
Topic: 10802 Message: 10806

That’s an easy mistake to make. For lots of radios, there is no DIGI mode, just FM or Narrow FM. Glad you found the problem and can move forward.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of fozzyone@...
Sent: Wednesday, February 05, 2014 11:47 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] RE: Blue dutchstar and ft-100
Hi Fred
I couldnt wait till after work so have had a quick go with it this morning and gues what.... yes I am an idiot ha ha
put rig on digi mode and now my audio is perfect.
just gotta finish setting up for reflectors ect.
cheers
paul

10807. RE: [gmsk_dv_node] RE: Blue dutchstar and ft-100

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-06 11:16:51 UTC
From: Fred PA4YBR
Topic: 10802 Message: 10807

Cheers! :P

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of fozzyone@...
Sent: Thursday, February 06, 2014 8:47 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] RE: Blue dutchstar and ft-100

Hi Fred

I couldnt wait till after work so have had a quick go with it this morning and gues what.... yes I am an idiot ha ha

put rig on digi mode and now my audio is perfect.

just gotta finish setting up for reflectors ect.

cheers

paul

10808. WinDV 1.5.6 Duplex not working?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-06 20:58:50 UTC
From: Tim Tucker
Topic: 10808 Message: 10808

Last night I upgraded to WinDV 1.5.6 and now full duplex isn't working (this is a repeater). I tried reconfiguring the StarBoard using the other software tools, but nothing made a difference.

Has anyone else experienced this and know how to resolve?

10809. DCS Reflector message on DV Node for windows

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-08 12:04:48 UTC
From: <antg1jpv@...>
Topic: 10809 Message: 10809

I have looked up and down on this group and also google search and no answers for my issue?

I am running dv node for windows with Moencomm starboard

I can connect to REF Dplus linking Reflectors with no problem but when trying to connect to DCS Reflectors I get a message " DCS not allowed for this station callsign ('G1JPV ')

any ideas please??

10810. RE: [gmsk_dv_node] DCS Reflector message on DV Node for windows

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-08 16:12:09 UTC
From: Fred PA4YBR
Topic: 10809 Message: 10810

Yes, set a valid station (node) callsign, meaning, one with an A, B or C letter
in the 8th position... DCS wants to see that.

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of antg1jpv@...
Sent: Saturday, February 08, 2014 1:05 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] DCS Reflector message on DV Node for windows

I have looked up and down on this group and also google search and no answers for my issue?

I am running dv node for windows with Moencomm starboard

I can connect to REF Dplus linking Reflectors with no problem but when trying to connect to DCS Reflectors I get a message " DCS not allowed for this station callsign ('G1JPV ')

any ideas please??

10811. RE: [gmsk_dv_node] DCS Reflector message on DV Node for windows

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-08 17:46:21 UTC
From: <antg1jpv@...>
Topic: 10809 Message: 10811

Thanks Fred, very confusing these band modules

My local Repeater keeper registered me on DPlus as G1JPV N for the node callsign and this does not come up in DV Node

But after doing as you advised I can now get all reflectors

You are a star thanks again

best 73 Tony G1JPV

10812. Technology net on XRF007B

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-09 11:57:35 UTC
From: William Serrato
Topic: 10812 Message: 10812

Ladies and gentlemen:

On February 23rd @ 16:00 UTC a group of friends from the hispanic community from all over the world will start for the first time on reflector XRF007B I am inviting you if you have a change to stop by reflector XRF007B and check in. The purpose of that net would be to integrate the hispanic world into technology sharing about DSTAR and different uses that hams operators are doing in countries like Mexico (XE3RA) and Spain (EA5HJX) are doing with the integration of mototurbo into DSTAR, and much more all related to digital communication specially DSTAR.

This net will be accessible on Ref XRF007B, IRLP:EXP0063, ALLSTAR:27684 Echolink: on ED8ZAR-R node1017. This net would be in the beautiful Spanish language for those of you that use it.

Thanks in advance for your visit and we'll heard each other on reflector XRF007B on 02/23/2014

73,

KD8GIK / HK6CAN

10813. Re: [gmsk_dv_node] Technology net on XRF007B

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-09 15:50:45 UTC
From: Will
Topic: 10812 Message: 10813

Sounds good

We here at the QuadNet are very interested in intergrating mototurbo (DMR) into DSTAR, please come share any information you have. 73

Will

On 2/9/2014 5:57 AM, William Serrato wrote:
>
>
> Ladies and gentlemen:
>
> On February 23rd @ 1*6:00 UTC* a group of friends from the hispanic
> community from all over the world will start for the first time on
> reflector XRF007B I am inviting you if you have a change to stop by
> reflector XRF007B and check in. The purpose of that net would be to
> integrate the hispanic world into technology sharing about DSTAR and
> different uses that hams operators are doing in countries like Mexico
> (XE3RA) and Spain (EA5HJX) are doing with the integration of
> mototurbo into DSTAR, and much more all related to
> digital communication specially DSTAR.
>
> This net will be accessible on Ref XRF007B, IRLP:EXP0063,
> ALLSTAR:27684 Echolink: on ED8ZAR-R node1017. This net would be in
> the beautiful *Spanish* language for those of you that use it.
>
> Thanks in advance for your visit and we'll heard each other on
> reflector XRF007B on 02/23/2014
>
>
>
> 73,
>
>
> KD8GIK / HK6CAN
>

10814. RE: [gmsk_dv_node] WinDV 1.5.6 Duplex not working?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-10 14:11:32 UTC
From: Fred PA4YBR
Topic: 10808 Message: 10814

Tim,

Duplex operation is not officially supported by WinDV, because of how the program
works. That will be fixed in the next major release, which no longer uses VB6 as a
base.

I could probably create a special version for you, if V1.5.5 *did* work...

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Tim Tucker
Sent: Thursday, February 06, 2014 9:59 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] WinDV 1.5.6 Duplex not working?

Last night I upgraded to WinDV 1.5.6 and now full duplex isn't working (this is a repeater). I tried reconfiguring the StarBoard using the other software tools, but nothing made a difference.

Has anyone else experienced this and know how to resolve?

10815. Looking for a DV Dongle - 450mhz....?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-12 17:52:57 UTC
From: <rjnagy@...>
Topic: 10815 Message: 10815

Hi guys-

I'm looking for a used Internet Labs DV dongle - 450mhz. (red one)

Just figured I'd ask in case someone was planning to cut one loose.

Email me: rjnagy@gmail.com

Thanks - Bob -AB5N

10816. RE: Looking for a DV Dongle - 450mhz....?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-12 19:00:10 UTC
From: <n4vbr@...>
Topic: 10815 Message: 10816

BOB, AB5N
HRO Ham has them in stock .. I have the 2 meter red one it works
GREAT.http://www.hamradio.com/detail.cfm?pid=D1-002671
http://www.hamradio.com/detail.cfm?pid=D1-002671
Tim N4VBR

10817. No signal on transmit

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-12 22:18:04 UTC
From: <tango241991@...>
Topic: 10817 Message: 10817

I am running gmsk client, starboard with dutch star beta firmware, blue dongle, TS-2000. Setup was working great all of the sudden can't get into the repeater. If you listen to a transmission from the repeater on analog then listen to a transmission from my setupon analog the sound sound generated from my setup is very muted as compared to the repeater. Setup another radio and starboard runnig NAWintest the signal is so weak I cannot do an rf read on my setup. Thanks for any help.
David
KK4LFE

10818. RE: [gmsk_dv_node] No signal on transmit

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-13 02:59:02 UTC
From: J. M. Moen
Topic: 10817 Message: 10818

The first thing I'd do is re-adjust the TX trim pot (R36 on the Star*Board). Testing using the G4KLX GMSK Client program is easiest using another D-Star radio, though it's simpler to use NAWinTEST as if you were using the TS-2000 for a Hotspot.

I'd also check the TS-2000's settings (in the Radio Files folder on this group's website). If it was working and you haven't deliberately changed the settings, it's unlikely that's the problem, but when troubleshooting, it's better not to assume anything.

If you can't get it to work that way, then use NAWinCFG to look at the firmware settings. The recommended ones for this board are found at http://www.moencomm.com/SBsettings.htm . If any of the settings are different (for example, they got corrupted from an RF spike), I'd change them to the correct values.

Next, I'd use NAWinTEST. Do RF Read, and if that's ok, do Echo Test. If the firmware settings and the jumpers are correct, and you've tried to optimize the TX trim pot and it still doesn't work, contact me directly and we'll figure out what to do next.

Jim – K6JM – www.moencomm.com

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of tango241991@...
Sent: Wednesday, February 12, 2014 2:18 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] No signal on transmit
I am running gmsk client, starboard with dutch star beta firmware, blue dongle, TS-2000. Setup was working great all of the sudden can't get into the repeater. If you listen to a transmission from the repeater on analog then listen to a transmission from my setupon analog the sound sound generated from my setup is very muted as compared to the repeater. Setup another radio and starboard runnig NAWintest the signal is so weak I cannot do an rf read on my setup. Thanks for any help.
David
KK4LFE

10819. download software for windows

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-14 12:41:06 UTC
From: Jeremy J Barbouttis
Topic: 10819 Message: 10819

Does anyone know an easy way to download software for windows to run the GMSK adapter?

I have just had my pi fail, and while I am downloading the latest image, I thought I might see if it is easier to run the hotspot on a small spare windows laptop.

I was running the G4KLX on the Pi, so I am assuming I need to same software to run with the firmware?

Thanks

Jeremy
VK2MJM

10820. RE: [gmsk_dv_node] Blue dutchstar and ft-100

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-15 10:22:38 UTC
From: <fozzyone@...>
Topic: 10802 Message: 10820

Hi Fred.

I am afraid it was user error. Lol. I hadn't put the radio in digi mode.
It is working fne now on the pc.

Next get it working on the rasberry pi. !!

Paul

10821. seeing my callsign on ircDDB Live

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-15 13:47:47 UTC
From: <antg1jpv@...>
Topic: 10821 Message: 10821

I am using the GMSK Starboard and DV Node for windows, is there any way of getting my hotspot usage on the ircDDB live screen, when I use my call through standard Repeaters I used my VIS___ON call to set it up

Is there a similar way to set it up via the hotspot as above

Regards

Tony G1JPV

10822. RE: [gmsk_dv_node] seeing my callsign on ircDDB Live

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-15 13:55:26 UTC
From: Fred PA4YBR
Topic: 10821 Message: 10822

Yes, you need to register the hotspot's callsign with the ircDDB network, and then configure the username/password you receive from them in the DV Node "IrcDDB" screen... then, it can "report" to the ircDDB Live system.

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of antg1jpv@...
Sent: Saturday, February 15, 2014 2:48 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] seeing my callsign on ircDDB Live

I am using the GMSK Starboard and DV Node for windows, is there any way of getting my hotspot usage on the ircDDB live screen, when I use my call through standard Repeaters I used my VIS___ON call to set it up

Is there a similar way to set it up via the hotspot as above

Regards

Tony G1JPV

10823. RE: [gmsk_dv_node] seeing my callsign on ircDDB Live

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-15 15:50:54 UTC
From: <antg1jpv@...>
Topic: 10821 Message: 10823

Hi Fred,

I have just tried to do that and there is a message saying " It is NOT possible to register any Private hotspots or gateways at the ircDDB Network" ???

I am using Node Callsign G1JPV B in the Callsign box in DV node and G1JPV N in my AuthCall box??

Regards Tony G1JPV

10824. RE: [gmsk_dv_node] seeing my callsign on ircDDB Live

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-15 15:57:29 UTC
From: <william.hutchinson6@...>
Topic: 10821 Message: 10824

Hi Tony

I run the hotspot MB6OH on 144.850. Are you aware that to run a hotspot in the UK you require a NoV to your licence from Ofcom and to obtain this you must submit an application through the RSGB. You will be allocated a frequency and a callsign. You cannot run a hotspot under your own callsign I'm afraid.

73
David GI4FUM
Owner of MB6OH (Oldstone Hill)

10825. RE: [gmsk_dv_node] seeing my callsign on ircDDB Live

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-15 16:03:41 UTC
From: <antg1jpv@...>
Topic: 10821 Message: 10825

Hi David, I take it your Hotspot can be used by other stations?
My hotspot is for my own use similar if not the same as Dvap but using a separate radio and GMSK Board

I was unaware I needed a NOV for this setup??

can you clarify for me please??

Regards Tony G1JPV

10826. RE: seeing my callsign on ircDDB Live

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-15 16:13:04 UTC
From: <william.hutchinson6@...>
Topic: 10821 Message: 10826

As far as I know if you use a separate radio and GMSK board you do need a NoV. Using a Dvap is not a problem as it is a very low power device with limited range. I have already been down that road ;-)

David GI4FUM

10827. Re: [gmsk_dv_node] RE: seeing my callsign on ircDDB Live

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-15 16:59:07 UTC
From: Dave (MW0RUH)
Topic: 10821 Message: 10827

Third party traffic requires an NOV !! private use does not.

DAVE (MW0RUH)

From: william.hutchinson6@...
Sent: Saturday, February 15, 2014 4:13 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] RE: seeing my callsign on ircDDB Live

As far as I know if you use a separate radio and GMSK board you do need a NoV. Using a Dvap is not a problem as it is a very low power device with limited range. I have already been down that road ;-)

David GI4FUM

10828. RE: [gmsk_dv_node] seeing my callsign on ircDDB Live

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-15 17:05:28 UTC
From: Fred PA4YBR
Topic: 10821 Message: 10828

You need a gateway callsign, or, a callsign specific to that node. In the UK, that means getting an NoV, in the US, a club callsign, etc.

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of antg1jpv@...
Sent: Saturday, February 15, 2014 4:51 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] seeing my callsign on ircDDB Live

Hi Fred,

I have just tried to do that and there is a message saying " It is NOT possible to register any Private hotspots or gateways at the ircDDB Network" ???

I am using Node Callsign G1JPV B in the Callsign box in DV node and G1JPV N in my AuthCall box??

Regards Tony G1JPV

10829. RE: [gmsk_dv_node] seeing my callsign on ircDDB Live

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-15 17:06:06 UTC
From: Fred PA4YBR
Topic: 10821 Message: 10829

You can, but not one that has its own callsign, which is needed by ircDDB.

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of william.hutchinson6@...
Sent: Saturday, February 15, 2014 4:57 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] seeing my callsign on ircDDB Live

Hi Tony

I run the hotspot MB6OH on 144.850. Are you aware that to run a hotspot in the UK you require a NoV to your licence from Ofcom and to obtain this you must submit an application through the RSGB. You will be allocated a frequency and a callsign. You cannot run a hotspot under your own callsign I'm afraid.

73
David GI4FUM
Owner of MB6OH (Oldstone Hill)

10830. Re: [gmsk_dv_node] seeing my callsign on ircDDB Live

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-15 17:10:21 UTC
From: Dave (MW0RUH)
Topic: 10821 Message: 10830

This is my take on it, for what you are trying to achieve having a callsign different to your own callsign and listed on IRCDDB, then an NOV is required, however running a node privately under your own callsign is permitted.

Regards

DAVE (MW0RUH)

From: Fred PA4YBR
Sent: Saturday, February 15, 2014 5:06 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] seeing my callsign on ircDDB Live

You can, but not one that has its own callsign, which is needed by ircDDB.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of william.hutchinson6@...
Sent: Saturday, February 15, 2014 4:57 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] seeing my callsign on ircDDB Live

Hi Tony

I run the hotspot MB6OH on 144.850. Are you aware that to run a hotspot in the UK you require a NoV to your licence from Ofcom and to obtain this you must submit an application through the RSGB. You will be allocated a frequency and a callsign. You cannot run a hotspot under your own callsign I'm afraid.

73
David GI4FUM
Owner of MB6OH (Oldstone Hill)

10831. RE: [gmsk_dv_node] RE: seeing my callsign on ircDDB Live

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-15 17:11:13 UTC
From: Fred PA4YBR
Topic: 10821 Message: 10831

Correct, but that's the legal side of things.

At the technical side, the IrcDDB routing information provider only accepts logins
from *gateways*. Each such gateway then "reports" what it hears on its RF ports,
and so the ircDDB network builds a table of who-is-where.

Gateways use their own callsigns. In some countries, this is just a matter of
requesting one. Some countries require you request a separate license for it
(my country, NL, is one of those, as is the UK) and in yet others, you can form
a "club" of radio users and request a club callsign to be used for the hotspot.

Either way, you need a callsign for that hotspot (there is no difference between
a hotspot and a repeater !) and only then you can "connect" it to the routing
network using ircDDB or G2 Trust.

This is a requirement at the technical level by the ircDDB network admin team,
which I don't see liften in the foreseeable future :(

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Dave (MW0RUH)
Sent: Saturday, February 15, 2014 5:59 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] RE: seeing my callsign on ircDDB Live

Third party traffic requires an NOV !! private use does not.

DAVE (MW0RUH)

From: william.hutchinson6@...
Sent: Saturday, February 15, 2014 4:13 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] RE: seeing my callsign on ircDDB Live

As far as I know if you use a separate radio and GMSK board you do need a NoV. Using a Dvap is not a problem as it is a very low power device with

limited range. I have already been down that road ;-)

David GI4FUM

10832. Re: [gmsk_dv_node] RE: seeing my callsign on ircDDB Live

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-15 17:33:21 UTC
From: Matthew Pitts
Topic: 10821 Message: 10832

Fred,

It's only a requirement of the ircDDB team to maintain compatibility with the Icom G2 based USTrust system which is designed to use defined repeater calls (either club callsigns like in the US or the mandatory repeater callsigns as in other parts of the world); it's pretty much been proven by the QuadNet group here in the USA that it's not an absolute technical requirement that the repeater call be different from the user call for the purposes of callsign routing.

Matthew Pitts
N8OHU

_____
From: Fred PA4YBR <fred@...>
To: gmsk_dv_node@yahoogroups.com
Sent: Saturday, February 15, 2014 12:11 PM
Subject: RE: [gmsk_dv_node] RE: seeing my callsign on ircDDB Live

Correct, but that's the legal side of
things.

At the technical side, the IrcDDB routing information provider
only accepts logins
from *gateways*. Each such gateway then "reports" what
it hears on its RF ports,
and so the ircDDB network builds a table of
who-is-where.

Gateways use their own callsigns. In some countries,
this is just a matter of
requesting one. Some countries require you request a
separate license for it
(my country, NL, is one of those, as is the UK) and in yet
others, you can form
a "club" of radio users and request a club callsign to be used
for the hotspot.

Either way, you need a callsign for that hotspot (there is no
difference between
a hotspot and a repeater !) and only then you can "connect" it
to the routing
network using ircDDB or G2 Trust.

This is a requirement at the technical level by the ircDDB
network admin team,
which I don't see liften in the foreseeable future
:(

Fred

From: gmsk_dv_node@yahoogroups.com
[mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Dave
(MW0RUH)
Sent: Saturday, February 15, 2014 5:59 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] RE: seeing my
callsign on ircDDB Live

Third party traffic requires an NOV !! private use does not.

DAVE (MW0RUH)

From: william.hutchinson6@...
Sent: Saturday, February 15, 2014 4:13 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] RE: seeing my callsign on ircDDB
Live

As far as I know if you use a separate radio and GMSK board you do need a
NoV. Using a Dvap is not a problem as it is a very low power device with limited
range. I have already been down that road ;-)

David GI4FUM

10833. RE: [gmsk_dv_node] RE: seeing my callsign on ircDDB Live

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-15 17:42:41 UTC
From: Fred PA4YBR
Topic: 10821 Message: 10833

Yes, I was aware of that LONG before Quad was around.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Matthew Pitts
Sent: Saturday, February 15, 2014 6:33 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] RE: seeing my callsign on ircDDB Live

Fred,

It's only a requirement of the ircDDB team to maintain compatibility with the Icom G2 based USTrust system which is designed to use defined repeater calls (either club callsigns like in the US or the mandatory repeater callsigns as in other parts of the world); it's pretty much been proven by the QuadNet group here in the USA that it's not an absolute technical requirement that the repeater call be different from the user call for the purposes of callsign routing.

Matthew Pitts
N8OHU

From: Fred PA4YBR <fred@...>
To: gmsk_dv_node@yahoogroups.com
Sent: Saturday, February 15, 2014 12:11 PM
Subject: RE: [gmsk_dv_node] RE: seeing my callsign on ircDDB Live

Correct, but that's the legal side of things.

At the technical side, the IrcDDB routing information provider only accepts logins
from *gateways*. Each such gateway then "reports" what it hears on its RF ports,
and so the ircDDB network builds a table of who-is-where.

Gateways use their own callsigns. In some countries, this is just a matter of
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(my country, NL, is one of those, as is the UK) and in yet others, you can form
a "club" of radio users and request a club callsign to be used for the hotspot.

Either way, you need a callsign for that hotspot (there is no difference between
a hotspot and a repeater !) and only then you can "connect" it to the routing
network using ircDDB or G2 Trust.

This is a requirement at the technical level by the ircDDB network admin team,
which I don't see liften in the foreseeable future :(

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Dave (MW0RUH)
Sent: Saturday, February 15, 2014 5:59 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] RE: seeing my callsign on ircDDB Live

Third party traffic requires an NOV !! private use does not.

DAVE (MW0RUH)

From: william.hutchinson6@...
Sent: Saturday, February 15, 2014 4:13 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] RE: seeing my callsign on ircDDB Live

As far as I know if you use a separate radio and GMSK board you do need a NoV. Using a Dvap is not a problem as it is a very low power device with limited range. I have already been down that road ;-)

David GI4FUM

10834. Switch to windows G4KLX

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-15 20:53:22 UTC
From: Jeremy J Barbouttis
Topic: 10821 Message: 10834

Hi All,

I am having trouble with my Raspberry Pi so until I get that sorted I have decided to download the windows version of the G4KLX software. This was the same software I was using to run the Moen Starboard with, on the Pi. It seems to run fine on the Windows XP platform, but the is absolutely no apparent coin ovation between the radio and the software. No peep after keying up and so forth. I ran the NAWtest software and no problem all good. So I cannot understand why it doesn't work, accept that the firmware need to be updated?

Ant help is appreciated.

thanks,

Jeremy
VK2MJM

Sent from my iPhone

> On 16 Feb 2014, at 4:42 am, Fred PA4YBR <fred@dutch-star.eu> wrote:
>
> Yes, I was aware of that LONG before Quad was around.
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Matthew Pitts
> Sent: Saturday, February 15, 2014 6:33 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: Re: [gmsk_dv_node] RE: seeing my callsign on ircDDB Live
>
>
> Fred,
>
> It's only a requirement of the ircDDB team to maintain compatibility with the Icom G2 based USTrust system which is designed to use defined repeater calls (either club callsigns like in the US or the mandatory repeater callsigns as in other parts of the world); it's pretty much been proven by the QuadNet group here in the USA that it's not an absolute technical requirement that the repeater call be different from the user call for the purposes of callsign routing.
>
> Matthew Pitts
> N8OHU
>
>
> From: Fred PA4YBR <fred@...>
> To: gmsk_dv_node@yahoogroups.com
> Sent: Saturday, February 15, 2014 12:11 PM
> Subject: RE: [gmsk_dv_node] RE: seeing my callsign on ircDDB Live

>
>
> Correct, but that's the legal side of things.
>
> At the technical side, the IrcDDB routing information provider only accepts logins
> from *gateways*. Each such gateway then "reports" what it hears on its RF ports,
> and so the ircDDB network builds a table of who-is-where.
>
> Gateways use their own callsigns. In some countries, this is just a matter of
> requesting one. Some countries require you request a separate license for it
> (my country, NL, is one of those, as is the UK) and in yet others, you can form
> a "club" of radio users and request a club callsign to be used for the hotspot.
>
> Either way, you need a callsign for that hotspot (there is no difference between
> a hotspot and a repeater !) and only then you can "connect" it to the routing
> network using ircDDB or G2 Trust.
>
> This is a requirement at the technical level by the ircDDB network admin team,
> which I don't see liften in the foreseeable future :(
>
> Fred
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of
Dave (MW0RUH)
> Sent: Saturday, February 15, 2014 5:59 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: Re: [gmsk_dv_node] RE: seeing my callsign on ircDDB Live
>
>
> Third party traffic requires an NOV !! private use does not.
>
>
> DAVE (MW0RUH)
>
> From: william.hutchinson6@...
> Sent: Saturday, February 15, 2014 4:13 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] RE: seeing my callsign on ircDDB Live
>
>
> As far as I know if you use a separate radio and GMSK board you do need a NoV. Using a
Dvap is not a problem as it is a very low power device with limited range. I have already
been down that road ;-)
>
> David GI4FUM
>
>
>

10835. Re: [gmsk_dv_node] Switch to windows G4KLX

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-15 20:56:57 UTC
From: Jeremy J Barbouttis
Topic: 10821 Message: 10835

Hi All,

I am having trouble with my Raspberry Pi so until I get that sorted I have decided to download the windows version of the G4KLX software. This was the same software I was using to run the Moen Starboard with, on the Pi. It seems to run fine on the Windows XP platform, but there is absolutely no apparent communication between the radio and the software. No peep after keying up and so forth. I ran the NAWtest software and no problem all good. So I cannot understand why it doesn't work, accept that the firmware needs to be updated?

Any help is appreciated.

thanks,

Jeremy
VK2MJM

Sent from my iPhone

> On 16 Feb 2014, at 7:53 am, Jeremy J Barbouttis <vk2mjm@...> wrote:
>
> Hi All,
>
>
> I am having trouble with my Raspberry Pi so until I get that sorted I have decided to download the windows version of the G4KLX software. This was the same software I was using to run the Moen Starboard with, on the Pi. It seems to run fine on the Windows XP platform, but the is absolutely no apparent coin ovation between the radio and the software. No peep after keying up and so forth. I ran the NAWtest software and no problem all good. So I cannot understand why it doesn't work, accept that the firmware need to be updated?
>
> Ant help is appreciated.
>
>
> thanks,
>
> Jeremy
> VK2MJM
>
> Sent from my iPhone
>
>> On 16 Feb 2014, at 4:42 am, Fred PA4YBR <fred@...> wrote:
>>
>>
>> Yes, I was aware of that LONG before Quad was around.
>>
>> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of

Matthew Pitts
>> Sent: Saturday, February 15, 2014 6:33 PM
>> To: gmsk_dv_node@yahoogroups.com
>> Subject: Re: [gmsk_dv_node] RE: seeing my callsign on ircDDB Live
>>
>>
>> Fred,
>>
>> It's only a requirement of the ircDDB team to maintain compatibility with the Icom G2 based USTrust system which is designed to use defined repeater calls (either club callsigns like in the US or the mandatory repeater callsigns as in other parts of the world); it's pretty much been proven by the QuadNet group here in the USA that it's not an absolute technical requirement that the repeater call be different from the user call for the purposes of callsign routing.
>>
>> Matthew Pitts
>> N8OHU
>>
>>
>> From: Fred PA4YBR <fred@...>
>> To: gmsk_dv_node@yahoogroups.com
>> Sent: Saturday, February 15, 2014 12:11 PM
>> Subject: RE: [gmsk_dv_node] RE: seeing my callsign on ircDDB Live
>>
>>
>> Correct, but that's the legal side of things.
>>
>> At the technical side, the IrcDDB routing information provider only accepts logins
>> from *gateways*. Each such gateway then "reports" what it hears on its RF ports,
>> and so the ircDDB network builds a table of who-is-where.
>>
>> Gateways use their own callsigns. In some countries, this is just a matter of
>> requesting one. Some countries require you request a separate license for it
>> (my country, NL, is one of those, as is the UK) and in yet others, you can form
>> a "club" of radio users and request a club callsign to be used for the hotspot.
>>
>> Either way, you need a callsign for that hotspot (there is no difference between
>> a hotspot and a repeater !) and only then you can "connect" it to the routing
>> network using ircDDB or G2 Trust.
>>
>> This is a requirement at the technical level by the ircDDB network admin team,
>> which I don't see liften in the foreseeable future :(
>>
>> Fred
>>
>> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Dave (MW0RUH)
>> Sent: Saturday, February 15, 2014 5:59 PM
>> To: gmsk_dv_node@yahoogroups.com
>> Subject: Re: [gmsk_dv_node] RE: seeing my callsign on ircDDB Live
>>

>>
>> Third party traffic requires an NOV !! private use does not.
>>
>>
>> DAVE (MW0RUH)
>>
>> From: william.hutchinson6@...
>> Sent: Saturday, February 15, 2014 4:13 PM
>> To: gmsk_dv_node@yahoogroups.com
>> Subject: [gmsk_dv_node] RE: seeing my callsign on ircDDB Live
>>
>>
>> As far as I know if you use a separate radio and GMSK board you do need a NoV. Using a Dvap is not a problem as it is a very low power device with limited range. I have already been down that road ;-)
>>
>> David GI4FUM
>
>

10836. Re: [gmsk_dv_node] Switch to windows G4KLX

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-15 21:31:18 UTC
From: rogerk78@yahoo.com.au
Topic: 10821 Message: 10836

Jeremy probably have a look at the faq for windows drivers w xp. The faq answers most questions but if you are still having dramas if that cannot sort it out for you then maybe someone here can help.
Cheers Roger VK2VRK

Sent from Yahoo!7 Mail on Android

10837. Re: [gmsk_dv_node] Switch to windows G4KLX

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-15 22:00:20 UTC
From: Jeremy J Barbouttis
Topic: 10821 Message: 10837

Hi Roger,

Thank you for your reply.

I checked for FAQ and couldn't really find anything that I could see to explain. But thanks anyway.

Jeremy
VK2MJMj

Sent from my iPhone

> On 16 Feb 2014, at 8:31 am, "rogerk78@yahoo.com.au" <rogerk78@...> wrote:
>
>
> Jeremy probably have a look at the faq for windows drivers w xp. The faq answers most questions but if you are still having dramas if that cannot sort it out for you then maybe someone here can help.
> Cheers Roger VK2VRK
>
> Sent from Yahoo!7 Mail on Android
>
>
> From: Jeremy J Barbouttis <vk2mjm@...>;
> To: gmsk_dv_node@yahoogroups.com <gmsk_dv_node@yahoogroups.com>;
> Subject: Re: [gmsk_dv_node] Switch to windows G4KLX
> Sent: Sat, Feb 15, 2014 8:56:57 PM
>
>
> Hi All,
>
>
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> Any help is appreciated.
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> thanks,
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> Jeremy
> VK2MJM

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> Sent from my iPhone
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>> On 16 Feb 2014, at 7:53 am, Jeremy J Barbouttis <vk2mjm@...> wrote:
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>>> N8OHU
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>>> David GI4FUM

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10838. Re: [gmsk_dv_node] Switch to windows G4KLX

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-15 22:11:11 UTC
From: rogerk78@yahoo.com.au
Topic: 10821 Message: 10838

No worries Jeremy.
Can you do a echo test to a reflector?
Sent from Yahoo!7 Mail on Android

10839. Re: [gmsk_dv_node] Switch to windows G4KLX

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-15 22:22:10 UTC
From: Jeremy J Barbouttis
Topic: 10821 Message: 10839

No, I cannot do anything. It doesn't register the radio or probably the board actually. I did do a test using NAWinTest and that was fine. So it is like the software itself cannot see the board, that is why I wondered about firmware, but I am very lay with all of this, so I am probably way off the mark.

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10840. RE: [gmsk_dv_node] Switch to windows G4KLX

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-15 22:42:30 UTC
From: Fred PA4YBR
Topic: 10821 Message: 10840

Jeremy,

When asking questions like this is usually a good idea to also
include a report, or log, or even screenshot of what you DO see.

Since you mention that NAWinTest DOES work, it's not the board
itself, or the Windows driver installation.

Are you getting a warning from the software, or an error message,
usually during startup?

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of Jeremy J Barbouttis
Sent: Saturday, February 15, 2014 11:22 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Switch to windows G4KLX

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board actually. I did do a test using NAWinTest and that was fine. So it is
like the software itself cannot see the board, that is why I wondered about
firmware, but I am very lay with all of this, so I am probably way off the
mark.

Any ideas are appreciated.

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Sent from my iPhone

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No worries Jeremy.
Can you do a echo test to a reflector?
Sent from <https://au.overview.mail.yahoo.com/mobile/?.src=Android> Yahoo!7
Mail on Android

From: Jeremy J Barbouttis <vk2mjm@...>;
To: gmsk_dv_node@yahoogroups.com <gmsk_dv_node@yahoogroups.com>;
Subject: Re: [gmsk_dv_node] Switch to windows G4KLX
Sent: Sat, Feb 15, 2014 10:00:20 PM

Hi Roger,

Thank you for your reply.

I checked for FAQ and couldn't really find anything that I could see to explain. But thanks anyway.

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On 16 Feb 2014, at 8:31 am, "rogerk78@..." <rogerk78@...>
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Sent: Saturday, February 15, 2014 6:33 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] RE: seeing my callsign on ircDDB Live

Fred,

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From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of Dave (MW0RUH)
Sent: Saturday, February 15, 2014 5:59 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] RE: seeing my callsign on ircDDB Live

Third party traffic requires an NOV !! private use does not.

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David GI4FUM

10841. Re: [gmsk_dv_node] Switch to windows G4KLX

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-15 23:23:07 UTC
From: Jeremy J Barbouttis
Topic: 10821 Message: 10841
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Fred,

Thank you for your reply.

There are no errors shown.

I just click on both ircDDB gateway and the config apps and they seem to open as expected without anything happening happening at all. They just sit open with my settings.

(Sorry about the photos, my regular computer usher tin repaired and I am using my iPhone)

Jeremy
VK2MJM

Sent from my iPhone

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10842. Re: [gmsk_dv_node] Switch to windows G4KLX [2 Attachments]

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-15 23:28:57 UTC
From: Jeremy J Barbouttis
Topic: 10821 Message: 10842

I've also tried to change the setting to make it connect to a reflector, but again nothing happens.

Regards

Jeremy

VK2MJM

Sent from my iPhone

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>> Sent: Saturday, February 15, 2014 11:22 PM
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10843. Re: [gmsk_dv_node] Switch to windows G4KLX

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-15 23:35:04 UTC
From: Monty S
Topic: 10821 Message: 10843

You need to run the apps, not the configuration programs. You connect to reflectors using your radio, not the dvnode software.

Sent from my iPhone

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10844. Re: [gmsk_dv_node] Switch to windows G4KLX

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-16 00:05:33 UTC
From: Jeremy J Barbouttis
Topic: 10821 Message: 10844

Ok. Thanks for that Monty. But what are they called and where do I get them from. I have downloaded the software and there doesn't se to be apps or programs with .exe.

Pardon my slowness on this, I have no IT background.

Thanks

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Topic: 10821 Message: 10845

Sent from my iPhone

> On 16 Feb 2014, at 11:05 am, Jeremy J Barbouttis <vk2mjm@...> wrote:
>
> Ok. Thanks for that Monty. But what are they called and where do I get them from. I have downloaded the software and there doesn't se to be apps or programs with .exe.
>
> Pardon my slowness on this, I have no IT background.
>
> Thanks
>
> Jeremy
> VK2MJM
>
> Sent from my iPhone
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>> On 16 Feb 2014, at 10:35 am, Monty S <montys@mindspring.com> wrote:
>>
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>> You need to run the apps, not the configuration programs. You connect to reflectors using your radio, not the dvnode software.
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>>>> <image.jpeg>
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>>>> (Sorry about the photos, my regular computer usher tin repaired and I am using my iPhone)
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>>>>> include a report, or log, or even screenshot of what you DO see.
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>>>>> Since you mention that NAWinTest DOES work, it's not the board
>>>>> itself, or the Windows driver installation.
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>>>>> Are you getting a warning from the software, or an error message,
>>>>> usually during startup?
>>>>>
>>>>> --fred
>>>>>
>>>>>
>>>>> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jeremy J Barbouttis
>>>>> Sent: Saturday, February 15, 2014 11:22 PM
>>>>> To: gmsk_dv_node@yahoogroups.com
>>>>> Subject: Re: [gmsk_dv_node] Switch to windows G4KLX
>>>>>
>>>>>
>>>>> No, I cannot do anything. It doesn't register the radio or probably the board actually. I did do a test using NAWinTest and that was fine. So it is like the software itself cannot see the board, that is why I wondered about firmware, but I am very lay with all of this, so I am probably way off the mark.
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>>>>>>> Jeremy probably have a look at the faq for windows drivers w xp. The faq answers most questions but if you are still having dramas if that cannot sort it out for you then maybe someone here can help.
>>>>>>> Cheers Roger VK2VRK
>>>>>>>
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>>>>>>> To: gmsk_dv_node@yahoogroups.com <gmsk_dv_node@yahoogroups.com>;
>>>>>>> Subject: Re: [gmsk_dv_node] Switch to windows G4KLX
>>>>>>> Sent: Sat, Feb 15, 2014 8:56:57 PM
>>>>>>>
>>>>>>>
>>>>>>> Hi All,
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>>>>>>>>> Yes, I was aware of that LONG before Quad was around.
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>>>>>>>>> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Matthew Pitts
>>>>>>>>> Sent: Saturday, February 15, 2014 6:33 PM

>>>>>>>>> To: gmsk_dv_node@yahoogroups.com
>>>>>>>>> Subject: Re: [gmsk_dv_node] RE: seeing my callsign on ircDDB Live
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>>>>>>>>> Fred,
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>>>>>>>>> It's only a requirement of the ircDDB team to maintain compatibility with the Icom G2 based USTrust system which is designed to use defined repeater calls (either club callsigns like in the US or the mandatory repeater callsigns as in other parts of the world); it's pretty much been proven by the QuadNet group here in the USA that it's not an absolute technical requirement that the repeater call be different from the user call for the purposes of callsign routing.
>>>>>>>>>
>>>>>>>>> Matthew Pitts
>>>>>>>>> N8OHU
>>>>>>>>>
>>>>>>>>>
>>>>>>>>> From: Fred PA4YBR <fred@...>
>>>>>>>>> To: gmsk_dv_node@yahoogroups.com
>>>>>>>>> Sent: Saturday, February 15, 2014 12:11 PM
>>>>>>>>> Subject: RE: [gmsk_dv_node] RE: seeing my callsign on ircDDB Live
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>>>>>>>>>
>>>>>>>>> Correct, but that's the legal side of things.
>>>>>>>>>
>>>>>>>>> At the technical side, the IrcDDB routing information provider only accepts logins
>>>>>>>>> from *gateways*. Each such gateway then "reports" what it hears on its RF ports,
>>>>>>>>> and so the ircDDB network builds a table of who-is-where.
>>>>>>>>>
>>>>>>>>> Gateways use their own callsigns. In some countries, this is just a matter of
>>>>>>>>> requesting one. Some countries require you request a separate license for it
>>>>>>>>> (my country, NL, is one of those, as is the UK) and in yet others, you can form
>>>>>>>>> a "club" of radio users and request a club callsign to be used for the hotspot.
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>>>>>>>>> Either way, you need a callsign for that hotspot (there is no difference between
>>>>>>>>> a hotspot and a repeater !) and only then you can "connect" it to the routing
>>>>>>>>> network using ircDDB or G2 Trust.
>>>>>>>>>
>>>>>>>>> This is a requirement at the technical level by the ircDDB network admin team,
>>>>>>>>> which I don't see liften in the foreseeable future :(
>>>>>>>>>
>>>>>>>>> Fred
>>>>>>>>>
>>>>>>>>> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Dave (MW0RUH)
>>>>>>>>> Sent: Saturday, February 15, 2014 5:59 PM
>>>>>>>>> To: gmsk_dv_node@yahoogroups.com
>>>>>>>>> Subject: Re: [gmsk_dv_node] RE: seeing my callsign on ircDDB Live
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>>>>>>>>>
>>>>>>>>> Third party traffic requires an NOV !! private use does not.
>>>>>>>>>
>>>>>>>>>
>>>>>>>>> DAVE (MW0RUH)
>>>>>>>>>
>>>>>>>>> From: william.hutchinson6@...
>>>>>>>>> Sent: Saturday, February 15, 2014 4:13 PM
>>>>>>>>> To: gmsk_dv_node@yahoogroups.com
>>>>>>>>> Subject: [gmsk_dv_node] RE: seeing my callsign on ircDDB Live
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>>>>>>>>> As far as I know if you use a separate radio and GMSK board you do need a NoV. Using a Dvap is not a problem as it is a very low power device with limited range. I have already been down that road ;-)
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>>>>>>>>> David GI4FUM
>>>>>>>>>
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>>>>>>
>>>>>
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>

10846. Re: [gmsk_dv_node] Switch to windows G4KLX

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-16 03:02:05 UTC
From: Fran Miele
Topic: 10821 Message: 10846

did you install vcredist_x86?

if you downloaded the software, you shoul have downloade the newest .exe files for each from the appropriate forums, ircddbgateway and pcrepeatercontroller. Once you run those all the apps will be in the start menu

--Fran

IMPORTANT: The contents of this email and any attachments are confidential. They are intended for the named recipient(s) only. If you have received this email by mistake, please notify the sender immediately and do not disclose the contents to anyone or make copies thereof.

On Sat, Feb 15, 2014 at 9:28 PM, Jeremy J Barbouttis <vk2mjm@...>wrote:

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> limited range. I have already been down that road ;-)
>
> David GI4FUM
>
>
>
>

10847. RE: Motorola Spectra

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-17 20:55:56 UTC
From: <akdude47@...>
Topic: 10524 Message: 10847

I guess not.
:)
Jesse K4AX

---In gmsk_dv_node@yahoogroups.com, <akdude47@...> wrote:

I've been hunting around the web a bit the last week trying to find information on how to hook up a gmsk modem to a Motorola Spectra. I have a new in box high power trunk mount UHF unit that I'm not using and it would be a good choice for a hot spot due to the huge heat sink and ability to cut back the P.A. However I've not found clear documentation stating that it's possible to get flat TX and RX audio from it.

Has anyone on the list been successful with a Motorola Spectra?

Thanks
Jesse K4AX

10848. RE: [gmsk_dv_node] RE: Motorola Spectra

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-17 21:53:23 UTC
From: Brad NK8J
Topic: 10524 Message: 10848
Attachments: 1 described; binary payloads are missing from this source WARC

Why use a radio with such high power for a hotspot? Use a smaller radio with a 9600 baud port on it.

Brad NK8J

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of akdude47@...
Sent: Monday, February 17, 2014 12:56 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] RE: Motorola Spectra

I guess not.

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Jesse K4AX

_____
<http://thirdpartyoffers.juno.com/TGL3156/?u=http://newsletter.adsonar.com/nwrss/iMapRedirector?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&pos=0&zw=500&zh=70&v=5&url=NA&uid=> Image removed by sender.

10849. Re: [gmsk_dv_node] RE: Motorola Spectra [1 Attachment]

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-17 23:18:07 UTC
From: David HUTCHINSON
Topic: 10524 Message: 10849
Attachments: 2 described; binary payloads are missing from this source WARC

I use a FT-7900 with my hot spot MB6OH

David GI4FUM

From: Brad NK8J <nk8j@...>
To: gmsk_dv_node@yahoogroups.com
Sent: Monday, 17 February 2014, 21:53
Subject: RE: [gmsk_dv_node] RE: Motorola Spectra [1 Attachment]

[Attachment(s) from Brad NK8J included below]
Why use a radio with such high power for a hotspot? Use a smaller radio with a 9600 baud port on it.

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From:gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of akdude47@...
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Has anyone on the list been successful with a Motorola Spectra?

Thanks
Jesse K4AX

10850. RE: [gmsk_dv_node] RE: Motorola Spectra [2 Attachments]

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-17 23:42:40 UTC
From: Brad NK8J
Topic: 10524 Message: 10850
Attachments: 1 described; binary payloads are missing from this source WARC

I will be using a Yaesu Ft-8100 myself with my hotspot

Brad NK8J

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of David HUTCHINSON
Sent: Monday, February 17, 2014 3:18 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] RE: Motorola Spectra [2 Attachments]

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Jesse K4AX

_____
<http://thirdpartyoffers.juno.com/TGL3156/?u=http://newsletter.adsonar.com/nwrss/iMapRedirector?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&pos=0&zw=500&zh=70&v=5&url=NA&uid=> Image removed by sender.

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<http://thirdpartyoffers.juno.com/TGL3156/?u=http://newsletter.adsonar.com/nwrss/iMapRedirector?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&pos=0&zw=500&zh=70&v=5&url=NA&uid=> Image removed by sender.

10851. RE: [gmsk_dv_node] RE: Motorola Spectra

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-18 00:12:46 UTC
From: <akdude47@...>
Topic: 10524 Message: 10851

I've got several high power Spectras that I'm not using, and it would be nice to throttle one back and use it as a hotspot, and maybe transition to a repeater. I've used GM300s, several Yeasus and a Icom with success, currently using a FT-7800 and it works fine.

Just curious, thanks
Jesse
K4AX

---In gmsk_dv_node@yahoogroups.com, <nk8j@...> wrote:

Why use a radio with such high power for a hotspot? Use a smaller radio with a 9600 baud port on it.

Brad NK8J

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of akdude47@...
Sent: Monday, February 17, 2014 12:56 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] RE: Motorola Spectra

I guess not.

:)

Jesse K4AX

---In gmsk_dv_node@yahoogroups.com, <akdude47@...> wrote:
I've been hunting around the web a bit the last week trying to find information on how to hook up a gmsk modem to a Motorola Spectra. I have a new in box high power trunk mount UHF unit that I'm not using and it would be a good choice for a hot spot due to the huge heat sink and ability to cut back the P.A. However I've not found clear documentation stating that it's possible to get flat TX and RX audio from it.

Has anyone on the list been successful with a Motorola Spectra?

Thanks

Jesse K4AX

_____
http://thirdpartyoffers.juno.com/TGL3156/?u=http://newsletter.adsonar.com/nwrss/iMapRedirector?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&pos=0&zw=500&zh=70&v=5&url=NA&uid=

10852. Re: [gmsk_dv_node] RE: Motorola Spectra

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-18 06:24:28 UTC
From: Erik Finskas
Topic: 10524 Message: 10852

Hi all.

Motorola Spectra and other Securenet radios have connection points for a very flat FM through the securenet module. On the TX side two-point modulation is used and provides very flat modulation point.

On the RX side, the connection to the securenet module is flat, unmuted FM discriminator tap which is also suitable for D-STAR and other complex FM modulations.

I've used successfully Motorola Saber radios, Spectra applies similar way.

73
.-.-.
Erik OH2LAK

On 17.2.2014 22:55, akdude47@... wrote:
>
> I guess not.
> :)
> Jesse K4AX
>
> ---In gmsk_dv_node@yahoogroups.com, <akdude47@...> wrote:
>
> I've been hunting around the web a bit the last week trying to find
> information on how to hook up a gmsk modem to a Motorola Spectra. I have
> a new in box high power trunk mount UHF unit that I'm not using and it
> would be a good choice for a hot spot due to the huge heat sink and
> ability to cut back the P.A. However I've not found clear documentation
> stating that it's possible to get flat TX and RX audio from it.
>
>
> Has anyone on the list been successful with a Motorola Spectra?
>
> Thanks
> Jesse K4AX
>
>

--
.-.-.
Erik

10853. Deviation adjustment

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-19 14:34:26 UTC
From: <kk4ioh@...>
Topic: 10853 Message: 10853

I have been fighting to get my hotspot working properly for quite sometime.

I was finally able to borrow a service monitor and this revealed that I can't set deviation properly. It is too high or too low. It would appear something is wrong with the trim pot. I can set for 1k or 3k+ there is no mid ground just a sharp jump with no basically no adjustment of the pot. Touching the pot seems to cause the jump at times as well. Using the ID-51 with it's sharp filters over 3K is just to high to get a usable decode.

Has anyone encountered this?

I'm presently using my ID-880h for the transmitter. I am testing with a 92AD and and ID51 and measuring with an IFR service monitor.

The good news is I can transmit in just fine.
My primary reasons for the hotspot is for presentation/demo for other clubs and so I don't have to always tie up the local repeater.

Michael
KK4IOH

10854. Re: [gmsk_dv_node] Deviation adjustment

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-19 14:46:09 UTC
From: Dave (MW0RUH)
Topic: 10853 Message: 10854

try adjusting the TX level in the software package, under the radio tab.

Dave (MW0RUH)

From: kk4ioh@...
Sent: Wednesday, February 19, 2014 2:34 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Deviation adjustment

I have been fighting to get my hotspot working properly for quite sometime.

I was finally able to borrow a service monitor and this revealed that I can't set deviation properly. It is too high or too low. It would appear something is wrong with the trim pot. I can set for 1k or 3k+ there is no mid ground just a sharp jump with no basically no adjustment of the pot. Touching the pot seems to cause the jump at times as well. Using the ID-51 with it's sharp filters over 3K is just to high to get a usable decode.

Has anyone encountered this?

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The good news is I can transmit in just fine.
My primary reasons for the hotspot is for presentation/demo for other clubs and so I don't have to always tie up the local repeater.

Michael
KK4IOH

10855. RE: Deviation adjustment

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-19 15:04:51 UTC
From: <kk4ioh@...>
Topic: 10853 Message: 10855

Which Package? I don't recall seeing that.

I'm running the board on an rPi but have the ability to run it in Windows also.

Thanks for the speedy reply Dave!

10856. RE: [gmsk_dv_node] Deviation adjustment

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-19 17:14:40 UTC
From: Fred PA4YBR
Topic: 10853 Message: 10856

That will be hard to do. The OP did not mention what board he
is using, but given its posted in this group, I'd assume one of the
available GMSK modem boards. These don't have a software
settable level.

Michael: which board do you have?

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of Dave (MW0RUH)
Sent: Wednesday, February 19, 2014 3:46 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Deviation adjustment

try adjusting the TX level in the software package, under the radio tab.

Dave (MW0RUH)

From: kk4ioh@...
Sent: Wednesday, February 19, 2014 2:34 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Deviation adjustment

I have been fighting to get my hotspot working properly for quite sometime.

I was finally able to borrow a service monitor and this revealed that I
can't set deviation properly. It is too high or too low. It would appear
something is wrong with the trim pot. I can set for 1k or 3k+ there is no
mid ground just a sharp jump with no basically no adjustment of the pot.
Touching the pot seems to cause the jump at times as well. Using the ID-51
with it's sharp filters over 3K is just to high to get a usable decode.

Has anyone encountered this?

I'm presently using my ID-880h for the transmitter. I am testing with a 92AD
and and ID51 and measuring with an IFR service monitor.

The good news is I can transmit in just fine.
My primary reasons for the hotspot is for presentation/demo for other clubs
and so I don't have to always tie up the local repeater.

Michael
KK4IOH

10857. RE: [gmsk_dv_node] RE: seeing my callsign on ircDDB Live

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-19 17:25:45 UTC
From: J. M. Moen
Topic: 10821 Message: 10857

I'm just getting caught up reading these recent notes on ircDDB/US Trust and different callsigns for a homebrew gateway. Good stuff.

These topics are covered somewhat in this group's FAQ, found at http://www.gmskdvnode.info/

Question 4 deals with the separate callsign issue. For those who are able to get a separate callsign for their gateway (hotspot or repeater running WinDV, G4KLX etc.), this question explains a way to first work with ircDDB to get it registered there, then after receiving the ircDDB password, how to optionally go to a US Trust gateway and register it there. The (only) advantage to doing that is that the callsign can be used for DPlus linking as a client (your system looks like a DV Dongle, DVAP, Hotspot etc. to DPlus).

Matthew is right that ircDDB added in that edit during ircDDB registration simply to be compatible/acceptable with US Trust gateways. This is due to ICOM's G2 software. And right now, at least, that edit is done only when attempting to do an ircDDB registration.

Once registered at ircDDB, one can then register at a US Trust gateway. By the way I learned this trick from others a couple of years ago. ircDDB might change things in the future, but this trick currently works.

So I would guess a new ham could first register their new call with ircDDB, then optionally register with US Trust for DPlus purposes. And I suspect an existing ham who is registered with US Trust could go to their registration gateway, delete their callsign and wait for that to propagate through the network. Then do an ircDDB registration, then optionally re-register with US Trust.

Clearly using your personal callsign as your hotspot/repeater callsign with both ircDDB and US Trust/DPlus would not be legal in countries like the UK that require an NoV and separate callsign when accepting 3rd party traffic. But technically, the above would work, at least for now.

Jim – K6JM

PS A common question I get is "how do I register my homebrew hotspot/repeater as a gateway at US Trust, so ICOM US Trust-connected repeater gateways will list my system just like they list other ICOM systems?"

At one time, the answer was to run G4ULF software, since for a while, US Trust accepted homebrew systems that ran G4ULF. But for various reasons, G4ULF is not available for new gateways, and in spite of comments from US Trust that they want to help make that happen again, I see no movement so far in that direction.

So, the answer to the question is – you can't have your homebrew system appear in US Trust's database as a Gateway. But you can have it registered as a client. Your system can DPlus link OUT without restrictions. Others running WinDV/G4KLX/DVAR etc. can see and link IN to your system. The only issue is that US Trust Gateways can't see your system for

purposes of DPlus linking IN to your system. But of course, those US Trust Gateways that run the ircDDB add-in can callsign route into your system.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Matthew Pitts
Sent: Saturday, February 15, 2014 9:33 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] RE: seeing my callsign on ircDDB Live

Fred,

It's only a requirement of the ircDDB team to maintain compatibility with the Icom G2 based USTrust system which is designed to use defined repeater calls (either club callsigns like in the US or the mandatory repeater callsigns as in other parts of the world); it's pretty much been proven by the QuadNet group here in the USA that it's not an absolute technical requirement that the repeater call be different from the user call for the purposes of callsign routing.

Matthew Pitts
N8OHU

10858. Re: [gmsk_dv_node] Deviation adjustment

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-19 18:46:40 UTC
From: Dave Thomas
Topic: 10853 Message: 10858

In my soundcard repeater software I found under the config tab radio I could adjust the rx level on my 2820 for my 7100 to decode it needed to be in the region of 77% whereas using my PMR radio it was as low as 20% and a friend using a dvrptr v1 board and a id51 also made his work by a software setting. So to say it can't be done is strange to me.

Dave (MW0RUH)

Sent from my iPhone

> On 19 Feb 2014, at 17:14, "Fred PA4YBR" <fred@...> wrote:
>
> That will be hard to do. The OP did not mention what board he
> is using, but given its posted in this group, I'd assume one of the
> available GMSK modem boards. These don't have a software
> settable level.
>
> Michael: which board do you have?
>
> --fred
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Dave (MW0RUH)
> Sent: Wednesday, February 19, 2014 3:46 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: Re: [gmsk_dv_node] Deviation adjustment
>
>
> try adjusting the TX level in the software package, under the radio tab.
>
> Dave (MW0RUH)
>
> From: kk4ioh@...
> Sent: Wednesday, February 19, 2014 2:34 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Deviation adjustment
>
>
> I have been fighting to get my hotspot working properly for quite sometime.
>
>
> I was finally able to borrow a service monitor and this revealed that I can't set deviation properly. It is too high or too low. It would appear something is wrong with the trim pot. I can set for 1k or 3k+ there is no mid ground just a sharp jump with no basically no adjustment of the pot. Touching the pot seems to cause the jump at times as well. Using the ID-51 with it's sharp filters over 3K is just to high to get a usable decode.

>
> Has anyone encountered this?
>
> I'm presently using my ID-880h for the transmitter. I am testing with a 92AD and and ID51 and measuring with an IFR service monitor.
>
> The good news is I can transmit in just fine.
> My primary reasons for the hotspot is for presentation/demo for other clubs and so I don't have to always tie up the local repeater.
>
> Michael
> KK4IOH
>
>
>

10859. RE: Deviation adjustment

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-20 02:06:06 UTC
From: <kk4ioh@...>
Topic: 10853 Message: 10859

I am running a Starboard.

I am in contact with Jim now and we are working on a solution.

10860. Output audio on StarBoard GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-22 22:45:04 UTC
From: <jerry@...>
Topic: 10860 Message: 10860

I have just set up my hotspot using the Star Board, HP Thin Client XPsp3, Yaesu FT-7900 and WinDV 1.5.6.
When I am at home on my HT and mobile I am able to hear everything great but when I am in my car and drive a little way from home I start to lose the audio. I still have a very strong signal and carrier, the received call signs etc. still scroll across the screen on my 880 but the audio randomly comes and goes, if I tune off frequency a little and tune back it sometimes brings the audio back.
Can anyone please help?

Jerry - K9UKJ

10861. RE: [gmsk_dv_node] Output audio on StarBoard GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-22 23:15:28 UTC
From: Don Woodward
Topic: 10860 Message: 10861

Did you use NAWinTest to set your levels?

If not, get it and set them.

73’s

Don Woodward
KD4APP

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of jerry@...
Sent: Saturday, February 22, 2014 5:45 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Output audio on StarBoard GMSK

I have just set up my hotspot using the Star Board, HP Thin Client XPsp3, Yaesu FT-7900 and WinDV 1.5.6.
When I am at home on my HT and mobile I am able to hear everything great but when I am in my car and drive a little way from home I start to lose the audio. I still have a very strong signal and carrier, the received call signs etc. still scroll across the screen on my 880 but the audio randomly comes and goes, if I tune off frequency a little and tune back it sometimes brings the audio back.
Can anyone please help?

Jerry - K9UKJ

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3705/7116 - Release Date: 02/22/14

10862. RE: Output audio on StarBoard GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-22 23:20:10 UTC
From: <jerry@...>
Topic: 10860 Message: 10862

Don,
I opened the test tool and done an echo test and the other to see all the code scroll in but am not sure what you mean about setting levels. Can you please explain how I can do that.

Thanks
Jerry

10863. RE: [gmsk_dv_node] RE: Output audio on StarBoard GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-23 01:23:41 UTC
From: Don Woodward
Topic: 10860 Message: 10863

Jerry:

Take a look at all the steps here http://www.k6jm.com/hs-setup.htm - check all the settings.

73’s

Don Woodward
KD4APP

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of jerry@...
Sent: Saturday, February 22, 2014 6:20 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] RE: Output audio on StarBoard GMSK

Don,
I opened the test tool and done an echo test and the other to see all the code scroll in but am not sure what you mean about setting levels. Can you please explain how I can do that.

Thanks
Jerry

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3705/7116 - Release Date: 02/22/14

10864. MOTOROLA GM950

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-23 17:05:39 UTC
From: <fozzyone@...>
Topic: 10864 Message: 10864

Hi All and hello from a newbie.

I am setting up a simplex gateway on 144.8125 and thinking of using the Motorola GM950 Now Can the power level be adjusted down to around 1 watt ?? as this is the max I am allowed

cheers

Paul

10865. RE: [gmsk_dv_node] RE: Output audio on StarBoard GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-23 18:25:36 UTC
From: <jerry@...>
Topic: 10860 Message: 10865

Finally got it, had to turn R36 fully clockwise.

10866. Callsign not found

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-23 18:28:56 UTC
From: <jerry@...>
Topic: 10866 Message: 10866

I now have a new problem.
I have been able to connect to repeaters and reflector all day yesterday. Today I can link them up but when I try to get in I get a message scroll across the screen of my Radios saying "K9UKJ can not be found" and I can no longer transmit beyond my hotspot.

Jerry - K9UKJ

10867. RE: [gmsk_dv_node] Callsign not found

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-23 20:22:32 UTC
From: J. M. Moen
Topic: 10866 Message: 10867

I sent Jerry a note off-list, but his terminals are in good shape, not deleted etc. A good place to check this is http://dstar.info/query.html since it shows not only delete flags but the blacklist flag. Jerr's callsign is fine.

I'm guessing this is a DPlus authentication failure. This can happen if, on WinDV's Tools > Options window, the Callsign plus trailing band module letter isn't a registered terminal, or the AuthCall isn't. For AuthCall, if you use a terminal with anything other than a blank module letter, then be sure to have the correct number of spaces so the module is in the 8th position.

In addition, be sure your D-Star radio's MyCall is registered. Again, if using anything other than the terminal with a blank module, be sure the module is in the 8th position.

Finally, when transmitting with your D-Star radio into the Hotspot, be sure your D-Star radio's URCall is set to CQCQCQ, which is the normal setting for QSOs.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of jerry@...
Sent: Sunday, February 23, 2014 10:29 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Callsign not found
I now have a new problem.
I have been able to connect to repeaters and reflector all day yesterday. Today I can link them up but when I try to get in I get a message scroll across the screen of my Radios saying "K9UKJ can not be found" and I can no longer transmit beyond my hotspot.
Jerry - K9UKJ

10868. RE: [gmsk_dv_node] Callsign not found

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-23 21:32:49 UTC
From: <jerry@...>
Topic: 10866 Message: 10868

I had the RX call sign auto write turned on in the radio settings which would change my UR from CQCQCQ to “K9UKJ C” every time the hotspot would send me a response.
Thanks again

Jerry

10869. firmware

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-26 19:13:46 UTC
From: <m1dns.gb3hb@...>
Topic: 1966 Message: 10869

I would like to reload the vers 1.30 firmware onto my Dutch star gmsk board.. Is there a how too any where, and how do I find / download the original copy of the firmware.. I have a Dutch star web account, but can't seem to find any info, whilst logged in and having a look around.

A.

10870. RE: [gmsk_dv_node] firmware

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-02-26 19:53:16 UTC
From: Fred PA4YBR
Topic: 1966 Message: 10870

Hi,

Contact me off-list and let me know what you need... I should have
ways to get that info :)

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of m1dns.gb3hb@...
Sent: Wednesday, February 26, 2014 8:14 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] firmware

I would like to reload the vers 1.30 firmware onto my Dutch star gmsk
board.. Is there a how too any where, and how do I find / download the
original copy of the firmware.. I have a Dutch star web account, but can't
seem to find any info, whilst logged in and having a look around.

A.

10871. RE: [gmsk_dv_node] firmware

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-01 16:31:49 UTC
From: <m1dns.gb3hb@...>
Topic: 1966 Message: 10871

Fred. I did so as requested, but have not had a reply at this point. Not sure if my pm got caught up someplace ??
However in poking around a little more I have found my firmware and license details..

But now I need to know what do I fill into the blank spaces in NA Tools Cfg ?
I guess the first is call sign and module, the second call sign and G ?? But what is placed in the other fields
A.
---In gmsk_dv_node@yahoogroups.com, <fred@...> wrote:
Hi,
Contact me off-list and let me know what you need... I should have
ways to get that info :)
--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of m1dns.gb3hb@...
Sent: Wednesday, February 26, 2014 8:14 PM

I would like to reload the vers 1.30 firmware onto my Dutch star gmsk board.. Is there a how too any where, and how do I find / download the original copy of the firmware.. I have a Dutch star web account, but can't seem to find any info, whilst logged in and having a look around.

A.

10872. GMSK Repeater not Recognizing my MoenComm Star Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-01 18:20:30 UTC
From: <nk8j@...>
Topic: 10872 Message: 10872

Fred,
Is there a new version of your firmware for the board to allow GMSk Repeater from Jonathon Naylor to be recognized or should I stay with your WinDV 1.5.6 with ircddb ? Also was wondering a lot of people don't like your software just wondering why when it is the easiest to set up and always connects fine.

10873. Firmware revision

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-02 08:50:53 UTC
From: <nk8j@...>
Topic: 10873 Message: 10873

What Firmware version do I need to get GMSKRepeater from Jonathon naylor to work?

10874. connecting to DCS and XRF reflectors

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-03 06:47:31 UTC
From: <nk8j@...>
Topic: 10874 Message: 10874

it says that WinDV should be able to connect to these. I am logged into the IRCDDBGateway but still can not get connected to either of these. Please Help

10875. RE: [gmsk_dv_node] Firmware revision

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-04 11:50:42 UTC
From: Fred PA4YBR
Topic: 10873 Message: 10875

It works best with the current beta release, which is V01.31-2. I just sent it to you.

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of nk8j@...
Sent: Sunday, March 02, 2014 9:51 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Firmware revision

What Firmware version do I need to get GMSKRepeater from Jonathon naylor to work?

10876. RE: [gmsk_dv_node] GMSK Repeater not Recognizing my MoenComm Star Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-04 11:52:36 UTC
From: Fred PA4YBR
Topic: 10872 Message: 10876

Hi,

WinDV works fine for most people, especially if using the system as a simplex
node. It's also easier to set up for most people, which of course helps: not all
radio amateurs are Linux-savvy folks.

The current WinDV seems to have a weird issue in its ASCP driver (meaning,
weird probs with the Dongle and DVAP devices) which I am currently working
on..

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
Behalf Of nk8j@...
Sent: Saturday, March 01, 2014 7:21 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] GMSK Repeater not Recognizing my MoenComm Star Board

Fred,
Is there a new version of your firmware for the board to allow GMSk
Repeater from Jonathon Naylor to be recognized or should I stay with your
WinDV 1.5.6 with ircddb ? Also was wondering a lot of people don't like
your software just wondering why when it is the easiest to set up and always
connects fine.

10877. RE: [gmsk_dv_node] Firmware revision

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-04 17:06:02 UTC
From: Brad NK8J
Topic: 10873 Message: 10877
Attachments: 1 described; binary payloads are missing from this source WARC

Thank you Fred.

Brad NK8J

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Fred PA4YBR
Sent: Tuesday, March 04, 2014 3:51 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Firmware revision

It works best with the current beta release, which is V01.31-2. I just sent it to you.

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of nk8j@...
Sent: Sunday, March 02, 2014 9:51 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Firmware revision

What Firmware version do I need to get GMSKRepeater from Jonathon naylor to work?

<http://thirdpartyoffers.juno.com/TGL3156/?u=http://newsletter.adsonar.com/nwrss/iMapRedirector?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&pos=0&zw=500&zh=70&v=5&url=NA&uid=> Image removed by sender.

10878. Trying to install HotSpot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-04 23:42:53 UTC
From: <franklin.tm@...>
Topic: 10878 Message: 10878

Hi. I'm new in D-Star HotSpot research stuffs.
I heard about sound card only with sw for HotSpot.
I have PC running XP sound driver AnalogDevices SoundMax. to access D-Star I use DVAR Hot Spot ver. 2.61
from KB9KHM and driving sound card with D-Star Decoder ver. 0.3.1.

log from DVAR Hot Spot ver. 2.61
4/3/2014 19:53:32 - Attempting connection to REF018 B at IP: 187.50.254.20 ...
4/3/2014 19:53:32 - Connected to REF018 B
4/3/2014 19:53:32 - Starting stream (REF018 BPU2TAW CCQCQCQ PU2TAW PORT) StreamID=D504(54532) CRC=28FA
4/3/2014 19:53:36 - End of stream (REF018 B) StreamID=54532 Missed 7 out of 194 total packets

input soundcard initialized ok

My question? the frames received from internet by REF018 should be listened in speaker.
I need to obtain this output to feed TM-251 VHF data port.

Thanks for any help.

10879. RE: [gmsk_dv_node] Firmware revision

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-05 18:44:11 UTC
From: J. M. Moen
Topic: 10873 Message: 10879

The G4KLX software (and FreeStar too, I think) needs a later version than the current production version of DUTCH*Star firmware. Right now, that is the Beta version. Just contact Fred at DUTCH*Star off-line and give him your callsign and license code.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of nk8j@juno.com
Sent: Sunday, March 02, 2014 12:51 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Firmware revision
What Firmware version do I need to get GMSKRepeater from Jonathon naylor to work?

10880. RE: [gmsk_dv_node] Firmware revision

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-06 00:35:09 UTC
From: Brad NK8J
Topic: 10873 Message: 10880
Attachments: 5 described; binary payloads are missing from this source WARC

Got it From Fred thanks

Brad NK8J

From: gmsk_dv_node@...m [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of J. M. Moen
Sent: Wednesday, March 05, 2014 10:44 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Firmware revision

The G4KLX software (and FreeStar too, I think) needs a later version than the current production version of DUTCH*Star firmware. Right now, that is the Beta version. Just contact Fred at DUTCH*Star off-line and give him your callsign and license code.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of nk8j@...
Sent: Sunday, March 02, 2014 12:51 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Firmware revision

What Firmware version do I need to get GMSKRepeater from Jonathon naylor to work?

<http://thirdpartyoffers.juno.com/TGL3156/?u=http://newsletter.adsonar.com/nwrss/iMapRedirector?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&pos=0&zw=500&zh=70&v=5&url=NA&uid=> Image removed by sender.

10881. Moen Board and Pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-07 01:35:25 UTC
From: Charles Carlon
Topic: 10881 Message: 10881
Attachments: 1 described; binary payloads are missing from this source WARC

Trying to get the Moenboard to work with my PI with limited sucess

1- Got the firmware updated to the beta version from Dutchstar
2 - Got an image from Brian site GMSK+ircDDB+VNC and image an SN card
3.-Booted the card and attempted to configure the ircDDB and GMSK software
4- Get response fro GMSK software when attempting to link but it goes away and i get a non repeater packet ignore error
ircDDB says disconnected

I guess I have got it configured wrong but can't seem to figure out what
Anyone have a step by step setup guide for the software

Thanks

Charlie
N7CAC

10882. Re: [gmsk_dv_node] Moen Board and Pi [1 Attachment]

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-07 01:48:27 UTC
From: Dave (MW0RUH)
Topic: 10881 Message: 10882
Attachments: 1 described; binary payloads are missing from this source WARC

You may have two issues here,

1. if you are operating a personal hotspot not under it’s own callsign, then ircddbgateway needs to be disabled as you won’t have a password to work it correctly and it will remain disconnected but will work via CCS.
2. You may have the settings wrong to receive the non repeater message, have you got the dup +/- in the radio being used to access the node, and what settings do you have the Restrict and RPT1 validation set to ?

Regards

DAVE (MW0RUH)

From: Charles Carlon
Sent: Friday, March 07, 2014 1:35 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Moen Board and Pi [1 Attachment]

Trying to get the Moenboard to work with my PI with limited sucess

1- Got the firmware updated to the beta version from Dutchstar
2 - Got an image from Brian site GMSK+ircDDB+VNC and image an SN card
3.-Booted the card and attempted to configure the ircDDB and GMSK software
4- Get response fro GMSK software when attempting to link but it goes away and i get a non repeater packet ignore error
ircDDB says disconnected

I guess I have got it configured wrong but can't seem to figure out what
Anyone have a step by step setup guide for the software

Thanks

Charlie
N7CAC

10883. RE: Moen Board and Pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-07 02:34:33 UTC
From: <mpenkas@...>
Topic: 10881 Message: 10883

I know where you are coming from--
Here is what I used to get set up.
https://groups.yahoo.com/neo/groups/wd2ny/conversations/topics/379
https://groups.yahoo.com/neo/groups/wd2ny/conversations/topics/379
A great tutorial.
Mike WA8EBM

10884. RE: Moen Board and Pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-07 04:24:33 UTC
From: Charles Carlon
Topic: 10881 Message: 10884

Thanks Mike that worked like a charm. I may not know what I am doing sometimes but I can follow directions

Charlie

N7CAC

10885. Motorola CDM1250 and MoenCom Star Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-08 23:49:56 UTC
From: Zach W9ZTH
Topic: 10885 Message: 10885

Has anyone used a Motorola CDM1250 or 750 with the Star Board? Thanks!

Zach
W9ZTH

10886. RE: [gmsk_dv_node] Motorola CDM1250 and MoenCom Star Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-09 00:29:33 UTC
From: Don Woodward
Topic: 10885 Message: 10886

Yes - CDM1250 works fine with StarBoard.

Don Woodward
KD4APP

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Zach W9ZTH
Sent: Saturday, March 08, 2014 6:50 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Motorola CDM1250 and MoenCom Star Board

Has anyone used a Motorola CDM1250 or 750 with the Star Board? Thanks!

Zach
W9ZTH

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4335 / Virus Database: 3722/7169 - Release Date: 03/08/14

10887. RE: Motorola CDM1250 and MoenCom Star Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-09 15:17:49 UTC
From: <randy2@...>
Topic: 10885 Message: 10887

Yes they both work fine since they are essentially the same RF chassis.
Just be sure to change flat audio for receive and transmit in the programming software. These radios do not have any jumpers on the board for those settings. All audio levels are set using software.

Also setting the channel spacing from 25 KHz to 12.5 KHz should improve performance.

Another thing to be aware of is the soft power switch on these radios. If the radio loses power, it will not turn back on without B+ applied to pin 10 on the acc connector. Some radios with the latest firmware will turn back on with pins 7 and 9 jumpered. For these radios, pin 10 does not need B+.

Randy
WB0VHB

10888. Stand alone settings

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-10 13:52:23 UTC
From: Jay
Topic: 10888 Message: 10888

Hi Fred,
How can I run in stand alone mode?
Jay n2gq

Sent from my Verizon Wireless 4G LTE Tablet

10889. 70cm simplex DV Gateway

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-10 18:28:54 UTC
From: <antg1jpv@...>
Topic: 10889 Message: 10889

Ok all,

I have taken the plunge and applied for a N.O.V. to run a 70cm Simplex DV Gateway,

I am running my personal hotspot at the present time using Moencomm Starboard and WinDV,

If and when I get my gateway callsign,(which will be MB6ISV and a B for band module) what will I have to alter in winDV to get it set up with the Gateway Callsign so that I can have 3rd party access to my Node??

Cheers Tony G1JPV

10890. Re: [gmsk_dv_node] 70cm simplex DV Gateway

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-10 19:08:40 UTC
From: Rudy Benner
Topic: 10889 Message: 10890

Tools/Settings/ircDDB enter your particulars. It takes a few minutes to get connected. Make tea in the meantime.

rudy

From: antg1jpv@...
Sent: Monday, March 10, 2014 2:28 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] 70cm simplex DV Gateway

Ok all,

I have taken the plunge and applied for a N.O.V. to run a 70cm Simplex DV Gateway,

I am running my personal hotspot at the present time using Moencomm Starboard and WinDV,

If and when I get my gateway callsign,(which will be MB6ISV and a B for band module) what will I have to alter in winDV to get it set up with the Gateway Callsign so that I can have 3rd party access to my Node??

Cheers Tony G1JPV

10891. Re: [gmsk_dv_node] 70cm simplex DV Gateway

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-10 22:15:44 UTC
From: BEDFORD NEIL
Topic: 10889 Message: 10891

Register the node callsign with the IRCDDB first, then the US trust, (the same as you did with your callsign), so you'll have full access to all systems.

--N.

On 10 March 2014 19:08, Rudy Benner <rudy@...> wrote:

>
>
> Tools/Settings/ircDDB enter your particulars. It takes a few minutes to
> get connected. Make tea in the meantime.
>
> rudy
>
> *From:* antg1jpv@...
> *Sent:* Monday, March 10, 2014 2:28 PM
> *To:* gmsk_dv_node@yahoogroups.com
> *Subject:* [gmsk_dv_node] 70cm simplex DV Gateway
>
>
>
> Ok all,
>
> I have taken the plunge and applied for a N.O.V. to run a 70cm Simplex DV
> Gateway,
>
> I am running my personal hotspot at the present time using Moencomm
> Starboard and WinDV,
>
> If and when I get my gateway callsign,(which will be MB6ISV and a B for
> band module) what will I have to alter in winDV to get it set up with the
> Gateway Callsign so that I can have 3rd party access to my Node??
>
> Cheers Tony G1JPV
>
>
>
>

10892. WinDV issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-13 22:21:09 UTC
From: <w9zth@...>
Topic: 10892 Message: 10892

All,

I'm running WinDV with a MoenComm Star Board. Everything works perfect except for some linking on WinDV. The program will not allow me to link any DPlus reflectors via RF or from the manual gateway command in the software. When selecting the gateway manually, there is no DPlus reflectors even listed in the pull down menu. DExtra and DCS are the only ones visible. When I first started using the program the DPlus reflectors and linking were just fine. I double checked all the gateway registrations and all seems fine with those. I even tried uninstalling all the NATools and WinDV. Upon reinstall, all the old callsign data and other previous entries reload again. I'm assuming that's just replicating the problem. Any ideas?? Thanks in advance.

Zach W9ZTH

10893. RE: [gmsk_dv_node] WinDV issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-13 22:36:31 UTC
From: Fred PA4YBR
Topic: 10892 Message: 10893

My bad... updated some of my servers, but forgot to restart them....

Should be OK now?

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of w9zth@...
Sent: Thursday, March 13, 2014 11:21 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] WinDV issue

All,

I'm running WinDV with a MoenComm Star Board. Everything works perfect except for some linking on WinDV. The program will not allow me to link any DPlus reflectors via RF or from the manual gateway command in the software. When selecting the gateway manually, there is no DPlus reflectors even listed in the pull down menu. DExtra and DCS are the only ones visible. When I first started using the program the DPlus reflectors and linking were just fine. I double checked all the gateway registrations and all seems fine with those. I even tried uninstalling all the NATools and WinDV. Upon reinstall, all the old callsign data and other previous entries reload again. I'm assuming that's just replicating the problem. Any ideas?? Thanks in advance.

Zach W9ZTH

10894. RE: [gmsk_dv_node] WinDV issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-13 22:43:43 UTC
From: <w9zth@...>
Topic: 10892 Message: 10894

Works perfect!! Thanks Fred. I thought I was going nuts for a few minutes. 73!

Zach W9ZTH

10895. RE: [gmsk_dv_node] 70cm simplex DV Gateway

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-15 18:32:06 UTC
From: J. M. Moen
Topic: 10889 Message: 10895

I agree - more info at http://www.gmskdvnode.info/#Callsign_Routing <http://www.gmskdvnode.info/> .

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of BEDFORD NEIL
Sent: Monday, March 10, 2014 3:16 PM
To: gmsk_dv_node
Subject: Re: [gmsk_dv_node] 70cm simplex DV Gateway

Register the node callsign with the IRCDDB first, then the US trust, (the same as you did with your callsign), so you'll have full access to all systems.
--N.

On 10 March 2014 19:08, Rudy Benner <rudy@...> wrote:

Tools/Settings/ircDDB enter your particulars. It takes a few minutes to get connected. Make tea in the meantime.

rudy

From: antg1jpv@...
Sent: Monday, March 10, 2014 2:28 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] 70cm simplex DV Gateway
Ok all,
I have taken the plunge and applied for a N.O.V. to run a 70cm Simplex DV Gateway,

I am running my personal hotspot at the present time using Moencomm Starboard and WinDV,

If and when I get my gateway callsign,(which will be MB6ISV and a B for band module) what will I have to alter in winDV to get it set up with the Gateway Callsign so that I can have 3rd party access to my Node??

Cheers Tony G1JPV

10896. Re: [gmsk_dv_node] 70cm simplex DV Gateway

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-15 19:59:21 UTC
From: Will
Topic: 10889 Message: 10896

And for those who don't want to (register) you can go to the USA QuadNet IrcDDB Open Network by logging into one of 6 Quadnet Server listed at website www.quadnet.no-ip.org/status.html.

There is no wait time. just point your gateway and go. 73

Will / W4WWM

On 3/15/2014 1:32 PM, J. M. Moen wrote:
>
> I agree -- more info
> at_http://www.gmskdvnode.info/#Callsign_Routing_<http://www.gmskdvnode.info/>.
>
> Jim--K6JM
>
> *From:*gmsk_dv_node@yahoogroups.com
> [mailto:gmsk_dv_node@yahoogroups.com]*On Behalf Of*BEDFORD NEIL
> *Sent:*Monday, March 10, 2014 3:16 PM
> *To:*gmsk_dv_node
> *Subject:*Re: [gmsk_dv_node] 70cm simplex DV Gateway
>
> Register the node callsign with the IRCDDB first, then the US trust,
> (the same as you did with your callsign), so you'll have full access
> to all systems.
>
> --N.
>
> On 10 March 2014 19:08, Rudy Benner
> <_rudy@..._<mailto:rudy@...>> wrote:
>
> Tools/Settings/ircDDB enter your particulars. It takes a few minutes
> to get connected. Make tea in the meantime.
>
> rudy
>
> *From:*_antg1jpv@..._<mailto:antg1jpv@...>
>
> *Sent:*Monday, March 10, 2014 2:28 PM
>
> *To:*_gmsk_dv_node@yahoogroups.com_<mailto:gmsk_dv_node@yahoogroups.com>
>
> *Subject:*[gmsk_dv_node] 70cm simplex DV Gateway
>
> Ok all,
>
> I have taken the plunge and applied for a N.O.V. to run a 70cm Simplex

> DV Gateway,
>
> I am running my personal hotspot at the present time using Moencomm
> Starboard and WinDV,
>
> If and when I get my gateway callsign,(which will be MB6ISV and a B
> for band module) what will I have to alter in winDV to get it set up
> with the Gateway Callsign so that I can have 3rd party access to my Node??
>
> Cheers Tony G1JPV
>
>

10897. Re: 70cm simplex DV Gateway

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-16 10:02:01 UTC
From: <antg1jpv@...>
Topic: 10889 Message: 10897

Hi all, Thanks for the replies, I have had clearance from the ETCC and am now waiting for the N.O.V to arrive.

all is set on WinDV and I have enabled ircDDB via the Openquad Server

I will be allowing access to DCS and Xref reflectors, but not Dplus as there are enough Dstar nodes local that will be easier for mobiles to link with

Regards and best 73

Tony G1JPV

10898. Star board dead - Moencomm

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-20 13:36:22 UTC
From: <luizserg@...>
Topic: 10898 Message: 10898

Hi Jim,

The board is not appearing more as a HID putting jumper in program mode. This happened from lightning strikes. Cap c5 exploded and changed already.

I think bootloader got corrupted. it can be recharged in the PIC chip using a PICkit programmer? Please send me advice and I will use my PICkit programmer.
grateful

PU1-LOY
Luiz Sérgio

10899. RE: [gmsk_dv_node] Star board dead - Moencomm

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-20 18:44:05 UTC
From: J. M. Moen
Topic: 10898 Message: 10899

Luiz,

Yes, if you have a PICkit2 programmer, you can reload the bootloader. I am attaching the bootloader hex file.

My programmer has the standard PICkit connector for plugging into a 6 pin header. As you can see, there's a place on the board for a header, but none is soldered in. I bought a header, but instead of soldering it onto the board, I plug the long pins into the PICkit cable, and I just place the short pins into the board, tilted to the side. That seems to make good enough contact to be able to load the bootloader. Tell your programmer software the PIC chip is the 2550.

Once that is done, then just load the firmware normally over USB. Note: I sent you a direct email with the bootloader hex file attached, along with information on loading firmware once the bootloader is reinstalled.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of luizserg@...
Sent: Thursday, March 20, 2014 6:36 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Star board dead - Moencomm

Hi Jim,

The board is not appearing more as a HID putting jumper in program mode. This happened from lightning strikes. Cap c5 exploded and changed already.

I think bootloader got corrupted. it can be recharged in the PIC chip using a PICkit programmer? Please send me advice and I will use my PICkit programmer.
grateful

PU1-LOY
Luiz Sérgio

10900. CS7000 D-STAR and DMR radio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-20 19:08:38 UTC
From: J. M. Moen
Topic: 10900 Message: 10900

Jerry Wanger, head of Connect Systems (maker of inexpensive DMR radios) is designing an inexpensive D-Star radio that he hopes will also be able to do DMR and FM. Info on the current CSI radios is at http://www.connectsystems.com/ . For example, the UHF CS700 DMR HT sells for about US $180.

Jerry is encouraging those who may be interested in this project to join his CS7000 Yahoo Group.
Check out https://groups.yahoo.com/neo/groups/CS7000/info

Jim – K6JM

The following is from Jerry Wanger:

I started the design of a new Digital radio that will first do D-STAR and later DMR and maybe even P25 and Analog. It is going to be a revolutionary product. I will release details piece meal. If you are interested please join the CS7000 Yahoo user group. This will at about the same price as the CS700 as we are currently selling.

OVERALL ARCHITECTURE
The radio is based on a conventional double conversion superhet design for the RF circuitry and three separate microprocessor for the baseband logic. The overall system is controlled by a high performance ARM processor. There is a microprocessor controlling the AMBE Vocoder and other audio functions and another microprocessor controlling the modem function.
AMBE VOCODER
There was two basic choices for doing the AMBE VOCODER
1. Software
2. Hardware
I picked the hardware approach for the following four important reasons:
1. The overhead of the CPU goes way down which means it is easier to implement higher order functions such as the D-STAR Protocol without having to worry about enough time to process both the Protocol and the AMBE Vocoder functions. When designing computer systems you sometimes find out there is not enough time to do what you have to do within the time constraints of the application.
2. Uses less Memory which means there is more memory for other applications to be resident in the product. As example, if I put the Vocoder in firmware, there might be only enough memory to do D-STAR. With the Vocoder in hardware, I might have enough memory for both D-STAR and DMR. It is too early to tell exactly what I can put in except to say the firmware of the Microprocessor I am using has a 1 megabyte Flash memory.
3. It has other functions beside the Vocoder that might be useful in the future. This not only saves computer resources such as memory and time, it saves in development time and cost.
4. It is harder for the Chinese, Japanese and other competitors to copy my design. I will get to that statement soon.
This choice of using the CS3000 does not preclude me from having a separate Vocoder, such as the P25 Phase 1 IMBE Vocoder in firmware
CMX7164 MULTIMODE WIRELESS DATA MODEM

This part is a factory programmable modem currently programmed to do the following algorithms:
GMSK
GFSK
2 level FSK
4 level FSK
8 level FSK
4 Point QAM
16 Point QAM
64 Point QAM
For D-STAR we use the GMSK Algorithm, For DMR, NXDN and P25 Phase II we use the 4 level FSK Algorithm.
There are two basic choices for doing the Data Modem. You could use the firmware approach which is used on certain products and you could use a hardware approach which is used on other products. The only successful implementations for GMSK using the firmware approach required a computer with very large resources. I picked the hardware approach for the following reasons:
1. The overhead of the CPU goes way down which means it is easier to implement higher order functions such as the D-STAR Protocol without having to worry about enough time to process both the Protocol and the Modem functions. When designing computer systems you sometimes find out there is not enough time to do what you have to do within the time constraints of the application.
2. Uses less Memory which means there is more memory for other applications to be resident in the product. As example, if I put the Modem in firmware, there might be only enough memory to do D-STAR. With the Modem in hardware, I might have enough memory for both D-STAR and DMR. It is too early to tell exactly what I can put in except to say the firmware of the Microprocessor I am using has a 1 megabyte Flash memory.
3. It has other functions beside the GMSK and 4 level FSK that might be useful in the future. A person can implement 8 level FSK and get more voice channels than is available in either DMR or NXDN for a given bandwidth.
4. It is harder for the Chinese, Japanese and other competitors to copy my design.
EIGHT MEGABYTE FLASH MEMORY
Most radios only have 32 kilobyte or smaller memory for storing parameters. Why would I pick a design that has 256 times more memory and is more expensive than the competitor’s radio? There are a few reasons:
1. I can use it for features only the competitors can dream about such as voice storage for recording messages while you are not available, virtually an unlimited amount of channels available, voice prompts in multiple languages, and other features we have not invented yet.
2. Ability to store firmware thereby allowing more programs than the 1 Megabyte of Flash that is native to the microprocessor.
3. It is harder for the Chinese, Japanese and other competitors to copy my design.

NEGATE CHINESE AND JAPANESE COMPETITORS
Three times I said by using the approach I used it would be harder for the Chinese, Japanese and other competitors to copy my design. If I am already giving the design away why can’t the Chinese, Japanese and other competitors copy me? The answer is simple. I expect eventually you might get a Chinese or Japanese version that used firmware for the Vocoder and the Modem, used smaller amount of memory, and took other shortcuts to come out with a less expensive radio. If they did that then the radio would not have the same

performance of the CS7000. If they copied me then the price difference would be fairly small and you would rather get the radio from a company you know will support the HAM market. Would you get an Apple Clone if it was only a few dollars less than a real Apple? This approach should also allow me to successful sell in the Chinese market.
After this product is in production, there is nothing stopping me from designing a cheap D-STAR radio. I estimated that with enough money spent in R&D, I could develop a DMR or D-STAR radio that sold for under $100.
DATA SHEETS FOR THE IC'S USED IN THE CS7000
I have stored some of the data sheets for the Integrated Circuits used for the CS7000 in the file section of the CS7000 Yahoo user group. I will be storing the rest in the near future.
REVOLUTIONARY DESIGN OF THE CS7000
What I have described so far in the design is the evolutionary aspect of the design. What I have not said is why the design is going to be revolutionary and is going to affect the HAM radio business for years to come. I will release the revolutionary aspect of this design at the Dayton Hamvention, or I get 2,000 members signed up for this user group. If you want to find out about the revolutionary aspects of this design earlier, sign up for the CS7000 user group. If not you can wait for Dayton.

If you have any questions or suggestions pose them on the CS7000 Yahoo group.
If you belong to any other group doing DSTAR, DMR, NXDN, P25, or something in between, please post this product design there so we can get to the 2,000 membership level for this group.
Jerry Wanger
President
Connect Systems Inc.

–

10901. Pi with Moencomm board not working

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-21 14:48:38 UTC
From: <k2ilh@...>
Topic: 10901 Message: 10901

My Moen board has been working with my shop PC with Win7 as a hotspot for several years, but I would like to run it on the RPi. I loaded the Pi and ran throughthe G4KLK setup by W2PW. Looks OK but doesn't recognize input from the board (DCOS and COS LEDs light). Changing back to the PC works fine.
The Pi runs on a powered USB hub which also powers the board as recommended, but there was no change when connecting the board to the Pi USB directly. Shouldn't there be a reaction on the screen when receiving a signal? Or a response of some kind? What am I missing?

10902. Re: [gmsk_dv_node] Pi with Moencomm board not working

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-21 14:59:30 UTC
From: David Webb
Topic: 10901 Message: 10902

If you are using the Moen board with a Pi and G4KLX software, you will need the Beta firmware available by request from Fred at Dutch Star.

Dave-KB1PVH

On Fri, Mar 21, 2014 10:48 AM EDT k2ilh@... wrote:

>My Moen board has been working with my shop PC with Win7 as a hotspot for several years, but I would like to run it on the RPi. I loaded the Pi and ran throughthe G4KLK setup by W2PW. Looks OK but doesn't recognize input from the board (DCOS and COS LEDs light). Changing back to the PC works fine.
>The Pi runs on a powered USB hub which also powers the board as recommended, but there was no change when connecting the board to the Pi USB directly. Shouldn't there be a reaction on the screen when receiving a signal? Or a response of some kind? What am I missing?
>

10903. Re: [gmsk_dv_node] Pi with Moencomm board not working

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-21 15:11:54 UTC
From: MontyS
Topic: 10901 Message: 10903

Hey,

On my board only LED3 is lit green , and LED1 is very dimly lit while idling. When LED1 goes bright, there is a malfunction and I must start the board again by unplugging/plugging the USB cable. If LED1 is brightly lit when you power up the Pi, you must reboot. I believe LED1 is the COS signal.

Be sure your internet connection is set up properly on the Pi. If wireless, you must set it up one time.

Monty K2DLJ

From: k2ilh@...
Sent: Friday, March 21, 2014 10:48 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Pi with Moencomm board not working

My Moen board has been working with my shop PC with Win7 as a hotspot for several years, but I would like to run it on the RPi. I loaded the Pi and ran throughthe G4KLK setup by W2PW. Looks OK but doesn't recognize input from the board (DCOS and COS LEDs light). Changing back to the PC works fine.
The Pi runs on a powered USB hub which also powers the board as recommended, but there was no change when connecting the board to the Pi USB directly. Shouldn't there be a reaction on the screen when receiving a signal? Or a response of some kind? What am I missing?

10904. Re: [gmsk_dv_node] Pi with Moencomm board not working

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-21 15:25:48 UTC
From: Bill
Topic: 10901 Message: 10904

Yes, LED 1 does glow slightly and comes on full when receiving a signal.
The pi seems ok.

Regards,
Bill Pike
(from my mobile device)

> On Mar 21, 2014, at 11:11 AM, "MontyS" <montys@...> wrote:
>
> Hey,
>
> On my board only LED3 is lit green , and LED1 is very dimly lit while idling. When LED1 goes bright, there is a malfunction and I must start the board again by unplugging/plugging the USB cable. If LED1 is brightly lit when you power up the Pi, you must reboot. I believe LED1 is the COS signal.
>
> Be sure your internet connection is set up properly on the Pi. If wireless, you must set it up one time.
>
> Monty K2DLJ
>
> From: k2ilh@arrl.net
> Sent: Friday, March 21, 2014 10:48 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Pi with Moencomm board not working
>
>
> My Moen board has been working with my shop PC with Win7 as a hotspot for several years, but I would like to run it on the RPi. I loaded the Pi and ran throughthe G4KLK setup by W2PW. Looks OK but doesn't recognize input from the board (DCOS and COS LEDs light). Changing back to the PC works fine.
> The Pi runs on a powered USB hub which also powers the board as recommended, but there was no change when connecting the board to the Pi USB directly. Shouldn't there be a reaction on the screen when receiving a signal? Or a response of some kind? What am I missing?
>

10905. RE: [gmsk_dv_node] Star board dead - Moencomm

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-21 16:10:59 UTC
From: <luizserg@...>
Topic: 10898 Message: 10905

Jim,

Thank helps

Luiz
PU1LOY

10906. Re: [gmsk_dv_node] Pi with Moencomm board not working

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-21 18:04:03 UTC
From: MontyS
Topic: 10901 Message: 10906

Is your COS jumper set as instructed?
Monty K2DLJ

From: Bill
Sent: Friday, March 21, 2014 11:25 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Pi with Moencomm board not working

Yes, LED 1 does glow slightly and comes on full when receiving a signal.
The pi seems ok.

Regards,
Bill Pike
(from my mobile device)

On Mar 21, 2014, at 11:11 AM, "MontyS" <montys@...> wrote:

Hey,

On my board only LED3 is lit green , and LED1 is very dimly lit while idling. When LED1 goes bright, there is a malfunction and I must start the board again by unplugging/plugging the USB cable. If LED1 is brightly lit when you power up the Pi, you must reboot. I believe LED1 is the COS signal.

Be sure your internet connection is set up properly on the Pi. If wireless, you must set it up one time.

Monty K2DLJ

From: k2ilh@...
Sent: Friday, March 21, 2014 10:48 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Pi with Moencomm board not working

My Moen board has been working with my shop PC with Win7 as a hotspot for several years, but I would like to run it on the RPi. I loaded the Pi and ran throughthe G4KLK setup by W2PW. Looks OK but doesn't recognize input from the board (DCOS and COS LEDs light). Changing back to the PC works fine.
The Pi runs on a powered USB hub which also powers the board as recommended, but there was no change when connecting the board to the Pi USB directly. Shouldn't there be a reaction on the screen when receiving a signal? Or a response of some kind? What am I missing?

10907. COS LED

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-21 20:25:43 UTC
From: J. M. Moen
Topic: 10907 Message: 10907

By the way, the COS LED (LED1 on the Star*Board) is supposed to be dimly lit when the firmware is running properly and “Soft COS” has been enabled (by UNchecking the COS Check box of Mode Settings in NAWinCFG).

Fred PA4YBR documents the firmware behavior this way:

In software-COS mode, we just scan the incoming bit stream (most of which is random data when no real carrier is present) until we find a SYNC pattern that matches our requirements- this will then fire up the COS signal, and the COS LED lights up.

To aid in testing, I have decided (a long time ago) that this mode of operation is "visible" by turning the COS LED ON and OFF at the rate of the incoming bits, so, roughly at 4800Hz. This causes the dimly-lit COS LED during this mode.. it is switched so fast, that it's very dim.

So the dim LED is an indicator the firmware is running.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Bill
Sent: Friday, March 21, 2014 8:26 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Pi with Moencomm board not working

Yes, LED 1 does glow slightly and comes on full when receiving a signal.
The pi seems ok.

Regards,
Bill Pike

10908. Re: [gmsk_dv_node] COS LED

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-21 20:37:01 UTC
From: Bill
Topic: 10907 Message: 10908

Nice to know. Works fine.

Regards,
K2ILH
(from my mobile device)

> On Mar 21, 2014, at 4:25 PM, "J. M. Moen" <jim@...> wrote:
>
> By the way, the COS LED (LED1 on the Star*Board) is supposed to be dimly lit when the firmware is running properly and “Soft COS” has been enabled (by UNchecking the COS Check box of Mode Settings in NAWinCFG).
>
> Fred PA4YBR documents the firmware behavior this way:
>
> In software-COS mode, we just scan the incoming bit stream (most of which is random data when no real carrier is present) until we find a SYNC pattern that matches our requirements- this will then fire up the COS signal, and the COS LED lights up.
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> To aid in testing, I have decided (a long time ago) that this mode of operation is "visible" by turning the COS LED ON and OFF at the rate of the incoming bits, so, roughly at 4800Hz. This causes the dimly-lit COS LED during this mode.. it is switched so fast, that it's very dim.
>
>
> So the dim LED is an indicator the firmware is running.
>
> Jim – K6JM
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Bill
> Sent: Friday, March 21, 2014 8:26 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: Re: [gmsk_dv_node] Pi with Moencomm board not working
>
>
>
> Yes, LED 1 does glow slightly and comes on full when receiving a signal.
>
> The pi seems ok.
>
> Regards,
>
> Bill Pike
>
>

10909. Re: [gmsk_dv_node] Pi with Moencomm board not working

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-21 20:42:16 UTC
From: Bill
Topic: 10901 Message: 10909

Board has worked flawlessly with PC. Have not seen any instructions about changes for use with Pi.

Regards,
Bill Pike
(from my mobile device)

> On Mar 21, 2014, at 2:04 PM, "MontyS" <montys@...> wrote:
>
> Is your COS jumper set as instructed?
> Monty K2DLJ
>
> From: Bill
> Sent: Friday, March 21, 2014 11:25 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: Re: [gmsk_dv_node] Pi with Moencomm board not working
>
>
> Yes, LED 1 does glow slightly and comes on full when receiving a signal.
> The pi seems ok.
>
> Regards,
> Bill Pike
> (from my mobile device)
>
>> On Mar 21, 2014, at 11:11 AM, "MontyS" <montys@...> wrote:
>>
>>
>> Hey,
>>
>> On my board only LED3 is lit green , and LED1 is very dimly lit while idling. When LED1 goes bright, there is a malfunction and I must start the board again by unplugging/plugging the USB cable. If LED1 is brightly lit when you power up the Pi, you must reboot. I believe LED1 is the COS signal.
>>
>> Be sure your internet connection is set up properly on the Pi. If wireless, you must set it up one time.
>>
>> Monty K2DLJ
>>
>> From: k2ilh@...
>> Sent: Friday, March 21, 2014 10:48 AM
>> To: gmsk_dv_node@yahoogroups.com
>> Subject: [gmsk_dv_node] Pi with Moencomm board not working
>>

>>
>> My Moen board has been working with my shop PC with Win7 as a hotspot for several years, but I would like to run it on the RPi. I loaded the Pi and ran throughthe G4KLK setup by W2PW. Looks OK but doesn't recognize input from the board (DCOS and COS LEDs light). Changing back to the PC works fine.
>> The Pi runs on a powered USB hub which also powers the board as recommended, but there was no change when connecting the board to the Pi USB directly. Shouldn't there be a reaction on the screen when receiving a signal? Or a response of some kind? What am I missing?
>
>

10910. Re: [gmsk_dv_node] Pi with Moencomm board not working

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-21 21:38:42 UTC
From: David Webb
Topic: 10901 Message: 10910

Bill

It's been discussed here numerous times about the need for the Beta firmware in order to run the Moen board on a Pi with G4KLX software. Without it the software doesn't see the board. I'm sure Jim will chime in to verify it.

Dave-KB1PVH

On Fri, Mar 21, 2014 4:42 PM EDT Bill wrote:

>Board has worked flawlessly with PC. Have not seen any instructions about changes for use with Pi.
>
>Regards,
>Bill Pike
>(from my mobile device)
>
>> On Mar 21, 2014, at 2:04 PM, "MontyS" <montys@...> wrote:
>>
>> Is your COS jumper set as instructed?
>> Monty K2DLJ
>>
>> From: Bill
>> Sent: Friday, March 21, 2014 11:25 AM
>> To: gmsk_dv_node@yahoogroups.com
>> Subject: Re: [gmsk_dv_node] Pi with Moencomm board not working
>>
>>
>> Yes, LED 1 does glow slightly and comes on full when receiving a signal.
>> The pi seems ok.
>>
>> Regards,
>> Bill Pike
>> (from my mobile device)
>>
>> On Mar 21, 2014, at 11:11 AM, "MontyS" <montys@...> wrote:
>>
>>
>>
>> Hey,
>>
>> On my board only LED3 is lit green , and LED1 is very dimly lit while idling. When LED1 goes bright, there is a malfunction and I must start the board again by unplugging/plugging the USB cable. If LED1 is brightly lit when you power up the Pi, you must reboot. I believe LED1 is the COS signal.
>>

>> Be sure your internet connection is set up properly on the Pi. If wireless, you must set it up one time.
>>
>> Monty K2DLJ
>>
>> From: k2ilh@...
>> Sent: Friday, March 21, 2014 10:48 AM
>> To: gmsk_dv_node@yahoogroups.com
>> Subject: [gmsk_dv_node] Pi with Moencomm board not working
>>
>>
>> My Moen board has been working with my shop PC with Win7 as a hotspot for several years, but I would like to run it on the RPi. I loaded the Pi and ran throughthe G4KLK setup by W2PW. Looks OK but doesn't recognize input from the board (DCOS and COS LEDs light). Changing back to the PC works fine.
>> The Pi runs on a powered USB hub which also powers the board as recommended, but there was no change when connecting the board to the Pi USB directly. Shouldn't there be a reaction on the screen when receiving a signal? Or a response of some kind? What am I missing?
>>
>>

10911. Re: [gmsk_dv_node] Pi with Moencomm board not working

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-21 22:06:00 UTC
From: Bill
Topic: 10901 Message: 10911

Thanks Dave,
Guess it didn't register while I was thinking on other stuff. I did a search but only came up with the general info. There are three others in my area trying the same thing (halfheartedly) and they couldn't help.

I'm sure Jim will follow up. :-)

Regards,
Bill (K2ILH)
(from my mobile device)

> On Mar 21, 2014, at 5:38 PM, David Webb <kb1pvh@...> wrote:
>
>
> Bill
>
> It's been discussed here numerous times about the need for the Beta firmware in order to run the Moen board on a Pi with G4KLX software. Without it the software doesn't see the board. I'm sure Jim will chime in to verify it.
>
> Dave-KB1PVH
>
> ------------------------------
> On Fri, Mar 21, 2014 4:42 PM EDT Bill wrote:
>
> >Board has worked flawlessly with PC. Have not seen any instructions about changes for use with Pi.
> >
> >Regards,
> >Bill Pike
> >(from my mobile device)
> >
> >> On Mar 21, 2014, at 2:04 PM, "MontyS" <montys@...> wrote:
> >>
> >> Is your COS jumper set as instructed?
> >> Monty K2DLJ
> >>
> >> From: Bill
> >> Sent: Friday, March 21, 2014 11:25 AM
> >> To: gmsk_dv_node@yahoogroups.com
> >> Subject: Re: [gmsk_dv_node] Pi with Moencomm board not working
> >>
> >>
> >> Yes, LED 1 does glow slightly and comes on full when receiving a signal.
> >> The pi seems ok.
> >>

> >> Regards,
> >> Bill Pike
> >> (from my mobile device)
> >>
> >> On Mar 21, 2014, at 11:11 AM, "MontyS" <montys@...> wrote:
> >>
> >>
> >> Hey,
> >>
> >> On my board only LED3 is lit green , and LED1 is very dimly lit while idling. When LED1 goes bright, there is a malfunction and I must start the board again by unplugging/plugging the USB cable. If LED1 is brightly lit when you power up the Pi, you must reboot. I believe LED1 is the COS signal.
> >>
> >> Be sure your internet connection is set up properly on the Pi. If wireless, you must set it up one time.
> >>
> >> Monty K2DLJ
> >>
> >> From: k2ilh@arrl.net
> >> Sent: Friday, March 21, 2014 10:48 AM
> >> To: gmsk_dv_node@yahoogroups.com
> >> Subject: [gmsk_dv_node] Pi with Moencomm board not working
> >>
> >>
> >> My Moen board has been working with my shop PC with Win7 as a hotspot for several years, but I would like to run it on the RPi. I loaded the Pi and ran throughthe G4KLK setup by W2PW. Looks OK but doesn't recognize input from the board (DCOS and COS LEDs light). Changing back to the PC works fine.
> >> The Pi runs on a powered USB hub which also powers the board as recommended, but there was no change when connecting the board to the Pi USB directly. Shouldn't there be a reaction on the screen when receiving a signal? Or a response of some kind? What am I missing?
> >>
> >>
>
>

10912. RE: [gmsk_dv_node] Pi with Moencomm board not working

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-22 07:52:49 UTC
From: J. M. Moen
Topic: 10901 Message: 10912

Bill,

The production DUTCH*Star firmware works well with DVAR and WinDV. But G4KLX programs and FreeStar require a later version, and for now, the Beta version is it. I've been running the Beta version on my full time Hotspot for nearly two years.

So yes, the advice you've gotten from Dave KB1PVH is accurate, since you are moving to the Pi and Linux, and you will be using the G4KLX programs.

My understanding is that Fred has just sent you the Beta version of your DUTCH*Star firmware by direct email. If others need it, just contact Fred directly and send him the callsign and license number that's registered in the DUTCH*Star database.

Bill, when you bought the board, I don't think my emails mentioned that you need Beta for G4KLX & FreeStar. I'm thinking I should update my general page "Building a D-Star Compatible Hotspot" at http://www.k6jm.com/hs-setup.htm to make that clear.

For Step 5 on that page (Install and configure hotspot software), there is a link for how to install G4KLX on the Pi (http://www.k6jm.com/hs-piconfigG4KLX.htm). On that page, under Getting Ready, it mentions: "If you have a GMSK Modem using DUTCH*Star firmware, you will need the Beta version" with info how to do that. But that is buried pretty deep and I think I should make it more clear on the main page. Sorry you had to post here to find out.

I'm also sorry I didn't post a reply earlier. It was dog show day and I was away from the shack….

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Bill
Sent: Friday, March 21, 2014 3:06 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Pi with Moencomm board not working

Thanks Dave,
Guess it didn't register while I was thinking on other stuff. I did a search but only came up with the general info. There are three others in my area trying the same thing (halfheartedly) and they couldn't help.

I'm sure Jim will follow up. :-)

Regards,
Bill (K2ILH)
(from my mobile device)

On Mar 21, 2014, at 5:38 PM, David Webb <kb1pvh@...> wrote:

Bill

It's been discussed here numerous times about the need for the Beta firmware in order to run the Moen board on a Pi with G4KLX software. Without it the software doesn't see the board. I'm sure Jim will chime in to verify it.

Dave-KB1PVH

On Fri, Mar 21, 2014 4:42 PM EDT Bill wrote:

>Board has worked flawlessly with PC. Have not seen any instructions about changes for use with Pi.

10913. Re: Pi with Moencomm board not working/ FW updated

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-22 18:36:39 UTC
From: Bill Plke
Topic: 10913 Message: 10913

Jim,
Thanks for the prompt reply. Yes Fred did send me the?Beta version. I was able to install it without a problem, and went through the setup with NAWinCFG.

The test using NAWinTEST was straight forward. But during echo test, it was transmitting, I was receiving carrier on my HT, and there was no received audio . Not the message or the recording, although the screen showed that they were playing. I checked the HT with another radio and it was working.

I ran NAWinCFG again and tried TX and RX invert boxes. With TX checked (Rx not) the system shows junk in the window and an alarm sounds.

The unit was working fine before FW update. and had been since original application. It is mated to a Motorola Radius and the connection had not been changed nor adjustment made. After double-checking everything I tried adjusting R36 with no success.

After that I even did CFG and TEST another PC with same results.

If I had a copy of the original FW I could put it back, but I don't.

It's hard to believe that there was a hardware failure exactly with FW update. What do you think?

?
?
?
Bill (K2ILH)
?
On 03/22/14, J. M. Moen wrote:
?
?

Bill,
The production DUTCH*Star firmware works well with DVAR and WinDV.? But G4KLX programs and FreeStar require a later version, and for now, the Beta version is it.? I’ve been running the Beta version on my full time Hotspot for nearly two years.
So yes, the advice you’ve gotten from Dave KB1PVH is accurate, since you are moving to the Pi and Linux,? and you will be using the G4KLX programs.
My understanding is that Fred has just sent you the Beta version of your DUTCH*Star firmware by direct email.? If others need it, just contact Fred directly and send him the callsign and license number that’s registered in the DUTCH*Star database.
Bill, when you bought the board, I don’t think my emails mentioned that you need Beta for G4KLX & FreeStar.? I’m thinking I should update my general page “Building a D-Star Compatible Hotspot” at http://www.k6jm.com/hs-setup.htm to make that clear.?
For Step 5 on that page (Install and configure hotspot software), there is a link for how to install G4KLX on the Pi (http://www.k6jm.com/hs-piconfigG4KLX.htm).? On that page, under Getting Ready, it mentions: “If you have a GMSK Modem using DUTCH*Star firmware, you

will need the Beta version” with info how to do that.? But that is buried pretty deep and I think I should make it more clear on the main page.? Sorry you had to post here to find out.
I’m also sorry I didn’t post a reply earlier.? It was dog show day and I was away from the shack….
??? Jim – K6JM
From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Bill
Sent: Friday, March 21, 2014 3:06 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Pi with Moencomm board not working
?
Thanks Dave,
Guess it didn't register while I was thinking on other stuff. I did a search but only came up with the general info. There are three others in my area trying the same thing (halfheartedly) and they couldn't help.
I'm sure Jim will follow up. ?:-)

Regards,
Bill (K2ILH)
(from my mobile device)

On Mar 21, 2014, at 5:38 PM, David Webb <kb1pvh@...> wrote:
?

Bill

It's been discussed here numerous times about the need for the Beta firmware in order to run the Moen board on a Pi with G4KLX software. Without it the software doesn't see the board. I'm sure Jim will chime in to verify it.

Dave-KB1PVH

On Fri, Mar 21, 2014 4:42 PM EDT Bill wrote:

>Board has worked flawlessly with PC. Have not seen any instructions about changes for use with Pi.

10914. RE: [gmsk_dv_node] Re: Pi with Moencomm board not working/ FW updated

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-22 18:49:24 UTC
From: jim
Topic: 10913 Message: 10914

Alas, when you load new firmware, all the firmware settings are reset to defaults. You will need to use NAWinCFG to set them right. The key settings are COS UNchecked and RSSI REPORT CHECKED. I list all recommended settings at www.moencomm.com on the SB Settings page.

  Jim -- K6JM

Sent via the Samsung Galaxy S™III

-------- Original message --------
From: Bill PIke <k2ilh@arrl.net>
Date:03/22/2014 11:36 (GMT-08:00)
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Pi with Moencomm board not working/ FW updated

Jim,
Thanks for the prompt reply. Yes Fred did send me the Beta version. I was able to install it without a problem, and went through the setup with NAWinCFG.

The test using NAWinTEST was straight forward. But during echo test, it was transmitting, I was receiving carrier on my HT, and there was no received audio . Not the message or the recording, although the screen showed that they were playing. I checked the HT with another radio and it was working.

I ran NAWinCFG again and tried TX and RX invert boxes. With TX checked (Rx not) the system shows junk in the window and an alarm sounds.

The unit was working fine before FW update. and had been since original application. It is mated to a Motorola Radius and the connection had not been changed nor adjustment made. After double-checking everything I tried adjusting R36 with no success.

After that I even did CFG and TEST another PC with same results.

If I had a copy of the original FW I could put it back, but I don't.

It's hard to believe that there was a hardware failure exactly with FW update. What do you think?

Bill (K2ILH)

On 03/22/14, J. M. Moen<jim@k6jm.com> wrote:

Bill,

The production DUTCH*Star firmware works well with DVAR and WinDV. But G4KLX programs and FreeStar require a later version, and for now, the Beta version is it. I’ve been running the Beta version on my full time Hotspot for nearly two years.

So yes, the advice you've gotten from Dave KB1PVH is accurate, since you are moving to the Pi and Linux, and you will be using the G4KLX programs.

My understanding is that Fred has just sent you the Beta version of your DUTCH*Star firmware by direct email. If others need it, just contact Fred directly and send him the callsign and license number that's registered in the DUTCH*Star database.

Bill, when you bought the board, I don't think my emails mentioned that you need Beta for G4KLX & FreeStar. I'm thinking I should update my general page "Building a D-Star Compatible Hotspot" at http://www.k6jm.com/hs-setup.htm to make that clear.

For Step 5 on that page (Install and configure hotspot software), there is a link for how to install G4KLX on the Pi (http://www.k6jm.com/hs-piconfigG4KLX.htm). On that page, under Getting Ready, it mentions: "If you have a GMSK Modem using DUTCH*Star firmware, you will need the Beta version" with info how to do that. But that is buried pretty deep and I think I should make it more clear on the main page. Sorry you had to post here to find out.

I'm also sorry I didn't post a reply earlier. It was dog show day and I was away from the shack….

    Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Bill
Sent: Friday, March 21, 2014 3:06 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Pi with Moencomm board not working

Thanks Dave,

Guess it didn't register while I was thinking on other stuff. I did a search but only came up with the general info. There are three others in my area trying the same thing (halfheartedly) and they couldn't help.

I'm sure Jim will follow up. :-)

Regards,

Bill (K2ILH)

(from my mobile device)

On Mar 21, 2014, at 5:38 PM, David Webb <kb1pvh@yahoo.com> wrote:

Bill

It's been discussed here numerous times about the need for the Beta firmware in order to run the Moen board on a Pi with G4KLX software. Without it the software doesn't see the board. I'm sure Jim will chime in to verify it.

Dave-KB1PVH

On Fri, Mar 21, 2014 4:42 PM EDT Bill wrote:

>Board has worked flawlessly with PC. Have not seen any instructions about changes for use with Pi.

10915. RE: [gmsk_dv_node] Re: Pi with Moencomm board not working/ FW updated

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-22 18:53:27 UTC
From: Fred PA4YBR
Topic: 10913 Message: 10915

Bill,

In NAWinTest, go to the "Mode" screen. I cannot remember if the Moencomm board requires it or not, but whatever the "RSSI Monitor" setting is now, set it
inversely (if ON, turn OFF etc) and try again. I'll explain this later....

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Bill PIke
Sent: Saturday, March 22, 2014 7:37 PM
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10916. RE: [gmsk_dv_node] Re: Pi with Moencomm board not working/ FW updated

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-22 18:54:46 UTC
From: Fred PA4YBR
Topic: 10913 Message: 10916

Ah. And there we are, it has to be ENABLED. I believe it is disabled by default, which explains why TX did not "work"...

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of jim
Sent: Saturday, March 22, 2014 7:49 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: Pi with Moencomm board not working/ FW updated

Alas, when you load new firmware, all the firmware settings are reset to defaults. You will need to use NAWinCFG to set them right. The key settings are COS UNchecked and RSSI REPORT CHECKED. I list all recommended settings at www.moencomm.com on the SB Settings page.

Jim -- K6JM

Sent via the Samsung Galaxy STIII

-------- Original message --------
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10917. Re: RE: [gmsk_dv_node] Re: Pi with Moencomm board not working/ FW updated

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-22 21:56:29 UTC
From: Bill PIke
Topic: 10913 Message: 10917

?OK Guys,
After taking a break, your emails encouraged me to go at it again

Yes I Did do the RSSI, both ways.
I went thru the setup several times.

The unit does transmit during "echo test", just no audio out at the receiving station.
It does connect to reflectors and when there is activity it transmits, but no audio.

It was working fine just before I loaded the new firmware, and I didn't even disconnect it.
Just shut down the software and cycled the power.
Started up NAWinCFG and installed program "successful"; with no difficulty.

After setup I expected it to work, but when it had no audio I tried the R36 pot. Nothing!
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Dave-KB1PVH

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10918. Re: RE: [gmsk_dv_node] Re: Pi with Moencomm board not working/ FW updated

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-22 22:56:17 UTC
From: David Webb
Topic: 10913 Message: 10918

Bill,

If it is transmitting but you don't decode anything try changing the TX inversion and try again. Only make one change at a time and try it. If you can't get it running, I'll fire mine up and read the settings I used for the Motorola GM300 and send them to you.

Dave-KB1PVH

10919. RE: [gmsk_dv_node] Pi with Moencomm board not working/ FW updated

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-23 01:06:41 UTC
From: J. M. Moen
Topic: 10913 Message: 10919

Bill,

Strange problem. I would unplug the USB cable from the board after any changes, then replug, then start NAWinTEST.

I doubt you touched any of the board jumpers (except for moving SW3 to the Program pins when you loaded the new firmware, then back to SW3 when done). But it can't hurt to double-check the jumpers per the webpage at http://www.moencomm.com/SBsettings.htm. Note the layout has SW4 to the left of SW3.

The most common reasons why a D-Star radio can't decode the received signal while Echo Test is having your analog radio transmit are:
* TX Invert not correct for the radio you are using
* TX trimpot not adjusted right for the analog radio
* RSSI Report is not enabled when the board is in V5 mode. For the board you have, this is coupled with SW4 jumpered on pins 2+3, which places the board in the so-called Version 5 mode, and when the board is in that mode, you need RSSI Report enabled.

When you've done your best to address those, then I'd fall back and make sure TX audio from the board is making it to the analog transmitter. I would do a long transmission from the D-Star radio into Echo Test, then when it plays back, switch your D-Star radio into FM mode and listen to the signal. You should hear the familiar "buzz" sound of GMSK-modulated FM. If you don't hear that, then something else is wrong, possibly the cable. You might re-seat the cable that connects the board to the radio.

If you have another analog FM radio around, you might tune it to your operating frequency and listen to the output of your D-Star radio, then to the output of the Hotspot while Echo Test is transmitting. The GMSK "noise" should sound pretty much the same.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Bill PIke
Sent: Saturday, March 22, 2014 2:56 PM
To: gmsk_dv_node@yahoogroups.com
Cc: red@...
Subject: Re: RE: [gmsk_dv_node] Re: Pi with Moencomm board not working/ FW updated

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I went thru the setup several times.

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I even did the CFG from another PC ... same thing

I think I will do the "installation" again.

Bill (K2ILH)

10920. Is DV Node not set up correctly by this user??

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-23 09:00:38 UTC
From: <antg1jpv@...>
Topic: 10920 Message: 10920

I have my DV Gateway MB6ISV set up now and its working great on audio and having qso's and is being seen by the ircDDB network I am using a Starboard with WinDV and I have a couple of issues with the ircDDB network

1) my Status once I TX through changes to an Amber light and it states "Watchdog is not okay" also Heartbeat not seen?

2) In ircDDB Live page my destination is not showing although I am connected to DCS005B?

am I missing anything in my setup or is it an ircDDB problem??

any suggestions please,

Tony G1JPV

10921. Re: RE: [gmsk_dv_node] Pi with Moencomm board not working/ FW updated

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-23 19:13:02 UTC
From: Bill PIke
Topic: 10913 Message: 10921

Jim,
I retraced everything again, reinstalled program from Fred, went through setup, etc. as done before.
Worked with PC Win7 right off. Minor R36 adjustment? and transmitted audio excellent
May have had something to do with HT too close (probably not) but I'm not going back to try to reproduce problem.

Still interested in getting it to work with the RPi now that the board is running on the Beta software.
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10922. RE: RE: [gmsk_dv_node] Pi with Moencomm board not working/ FW updated

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-23 19:19:10 UTC
From: Fred PA4YBR
Topic: 10913 Message: 10922

Bill,

Once things are properly set up using the tools, there is no difference whether the board runs off a PC, or off a Raspberry... so, if it works OK now, it should work as-is on the Raspberry as well.

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Bill PIke
Sent: Sunday, March 23, 2014 8:13 PM
To: gmsk_dv_node@yahoogroups.com
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http://www.moencomm.com/SBsettings.htm. Note the layout has SW4 to the left of SW3.

The most common reasons why a D-Star radio can't decode the received signal while Echo Test is having your analog radio transmit are:

*; TX Invert not correct for the radio you are using

*; TX trimpot not adjusted right for the analog radio

*; RSSI Report is not enabled when the board is in V5 mode. For the board you have, this is coupled with SW4 jumpered on pins 2+3, which places the board in the so-called Version 5 mode, and when the board is in that mode, you need RSSI Report enabled.

When you've done your best to address those, then I'd fall back and make sure TX audio from the board is making it to the analog transmitter. I would do a long transmission from the D-Star radio into Echo Test, then when it plays back, switch your D-Star radio into FM mode and listen to the signal. You should hear the familiar "buzz" sound of GMSK-modulated FM. If you don't hear that, then something else is wrong, possibly the cable. You might re-seat the cable that connects the board to the radio.

If you have another analog FM radio around, you might tune it to your operating frequency and listen to the output of your D-Star radio, then to the output of the Hotspot while Echo Test is transmitting. The GMSK "noise" should sound pretty much the same.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Bill PIke
Sent: Saturday, March 22, 2014 2:56 PM
To: gmsk_dv_node@yahoogroups.com
Cc: red@...
Subject: Re: RE: [gmsk_dv_node] Re: Pi with Moencomm board not working/ FW updated

OK Guys,
After taking a break, your emails encouraged me to go at it again

Yes I Did do the RSSI, both ways.
I went thru the setup several times.

The unit does transmit during "echo test", just no audio out at the receiving station.
It does connect to reflectors and when there is activity it transmits, but no audio.

It was working fine just before I loaded the new firmware, and I didn't even disconnect it.
Just shut down the software and cycled the power.
Started up NAWinCFG and installed program "successful" with no difficulty.

After setup I expected it to work, but when it had no audio I tried the R36 pot. Nothing!
I don't remember what it sounded like last time I did the R36 but I expected

"Something".

I even did the CFG from another PC ... same thing

I think I will do the "installation" again.

Bill (K2ILH)

10923. RE: RE: [gmsk_dv_node] Pi with Moencomm board not working/ FW updated

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-23 19:33:54 UTC
From: David Webb
Topic: 10913 Message: 10923

Bill,

Which G4KLX image are you trying to use on the Pi? Western DSTAR, the Maryland club, PAPA System? And are you sure everything has been setup as far as the software stuff goes? I think you will also need to use a powered USB hub for the MoenComm board because I don't think the Pi has enough juice to power it through it's USB port.

Dave-KB1PVH

10924. Re: RE: RE: [gmsk_dv_node] Pi with Moencomm board not working/ FW updated

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-23 19:57:37 UTC
From: Bill PIke
Topic: 10913 Message: 10924

Fred,
Right, the difficulty I had was that after I installed the beta, I couldn't get it working again.
Now that it is working OK it should work with the RPi.? I'll find out in the next few days.
?
?Thanks again,
????? Bill
?;
On 03/23/14, Fred PA4YBR wrote:
?
?

Bill,
?
Once things are properly set up using the tools, there is no difference
whether the board runs off a PC, or off a Raspberry... so, if it works OK
now, it should work as-is on the Raspberry as well.
?
--fred
?

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Bill PIke
Sent: Sunday, March 23, 2014 8:13 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: RE: [gmsk_dv_node] Pi with Moencomm board not working/ FW updated

?
Jim,
I retraced everything again, reinstalled program from Fred, went through setup, etc. as done before.
Worked with PC Win7 right off. Minor R36 adjustment? and transmitted audio excellent
May have had something to do with HT too close (probably not) but I'm not going back to try to reproduce problem.

Still interested in getting it to work with the RPi now that the board is running on the Beta software.

?Thanks for your help,
Bill (K2ILH)
?
On 03/22/14, J. M. Moen wrote:
?

Bill,
Strange problem.? I would unplug the USB cable from the board after any changes, then replug, then start NAWinTEST.?
I doubt you touched any of the board jumpers (except for moving SW3 to the Program pins when you loaded the new firmware, then back to SW3 when done).? But it can’t hurt to double-check the jumpers per the webpage at http://www.moencomm.com/SBsettings.htm.? Note the layout has SW4 to the left of SW3.
The most common reasons why a D-Star radio can’t decode the received signal while Echo Test is having your analog radio transmit are:
·;?????? TX Invert not correct for the radio you are using
·;?????? TX trimpot not adjusted right for the analog radio
·;?????? RSSI Report is not enabled when the board is in V5 mode.? For the board you have, this is coupled with SW4 jumpered on pins 2+3, which places the board in the so-called Version 5 mode, and when the board is in that mode, you need RSSI Report enabled.
When you’ve done your best to address those, then I’d fall back and make sure TX audio from the board is making it to the analog transmitter.? I would do a long transmission from the D-Star radio into Echo Test, then when it plays back, switch your D-Star radio into FM mode and listen to the signal.? You should hear the familiar “buzz” sound of GMSK-modulated FM.? If you don’t hear that, then something else is wrong, possibly the cable.? You might re-seat the cable that connects the board to the radio.
If you have another analog FM radio around, you might tune it to your operating frequency and listen to the output of your D-Star radio, then to the output of the Hotspot while Echo Test is transmitting.? The GMSK “noise”; should sound pretty much the same.
??? Jim –; K6JM
From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Bill PIke
Sent: Saturday, March 22, 2014 2:56 PM
To: gmsk_dv_node@yahoogroups.com
Cc: red@dutch-star.eu
Subject: Re: RE: [gmsk_dv_node] Re: Pi with Moencomm board not working/ FW updated
?
?OK Guys,
After taking a break, your emails encouraged me to go at it again

Yes I Did do the RSSI, both ways.
I went thru the setup several times.

The unit does transmit during "echo test", just no audio out at the receiving station.
It does connect to reflectors and when there is activity it transmits, but no audio.

It was working fine just before I loaded the new firmware, and I didn't even disconnect it.
Just shut down the software and cycled the power.
Started up NAWinCFG and installed program "successful" with no difficulty.

After setup I expected it to work, but when it had no audio I tried the R36 pot. Nothing!
I don't remember what it sounded like last time I did the R36 but I expected "Something".

I even did the CFG from another PC ... same thing

I think I will do the "installation" again.
?

Bill (K2ILH)

10925. ircDDB registration clarification

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-24 08:26:23 UTC
From: Jayson Quilantan
Topic: 10925 Message: 10925

I submitted registration for my club callsign over a week ago to ircDDB and have yet to receive anything from them? Also sent e-mail, does it typically take this long or longer? All the website will tell me is that I'm in the queue.

Too, on the gmskdvnode.info site where it goes into the registration dance, is it wrong? After having a spirited discussion with Elliot Linke KB0RFC of the W0TLM system in Monument, Colorado, he claims that step one is misleading... that if the registration process has begun on a US Trust system even without active terminals, the callsign itself is a BLANK terminal?!

Do BLANK terminals affect ircDDB?

10926. Unable to Route D-Star Traffic?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-24 14:05:47 UTC
From: <zburns@...>
Topic: 10926 Message: 10926

Our club (W8ODR) installed a FreeStar system with the MoenComm GMSK modem and got everything up and running. The repeater is a full duplex system. Registration activation and setup with IRCDDB went fine and works - but USTRUST registration has been pending for a week or more.

When I try to connect issue a link command "W8ODR_BL" from a D-Plus or even and DVAP (outside this network) - it states that the W8ODR repeater doesn't exist.

Anybody else have this experience with a hombrew repeater? (is there a better yahoo group to ask this on?)

Zack - N8ZAK

10927. RE: [gmsk_dv_node] Unable to Route D-Star Traffic?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-24 15:03:34 UTC
From: Fred PA4YBR
Topic: 10926 Message: 10927

Hi Zack,

Last time I checked, Trust registration was required if you want the repeater to
be connectable on DPlus, but this may have changed.

Assuming the software is completely up&running, it should be visible on the IrcDDB
gateway status page. If it's not, check your logs for any errors. Systems reporting
to IrcDDB *should* be visible there.

If someone wants to callsign-route to your (IrcDDB-connected) gateway, this should
be fine assuming the above, AND your router/firewall is set up properly for inbound
connections. The call originator should NOT receive a "gateway unknown" message.

I don't see W8ODR in the standard G2/DPlus gateway list either, so that might be what
is wrong... check in with the guys at USTrust to see when the gateway is going to be
pushed through their system...

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of zburns@...
Sent: Monday, March 24, 2014 3:06 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Unable to Route D-Star Traffic?

Our club (W8ODR) installed a FreeStar system with the MoenComm GMSK modem
and got everything up and running. The repeater is a full duplex system.
Registration activation and setup with IRCDDB went fine and works - but
USTRUST registration has been pending for a week or more.

When I try to connect issue a link command "W8ODR_BL" from a D-Plus or even
and DVAP (outside this network) - it states that the W8ODR repeater doesn't
exist.

Anybody else have this experience with a hombrew repeater? (is there a
better yahoo group to ask this on?)

Zack - N8ZAK

10928. Re: Unable to Route D-Star Traffic?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-24 15:55:00 UTC
From: <zburns@...>
Topic: 10926 Message: 10928

Fred,
Thanks for the information - yeah, I think the hold up is on the D-Plus Trust Admins side - as its been in the IRCDDB list for more about a week.

Thanks.

Zack - N8ZAK

10929. RE: [gmsk_dv_node] ircDDB registration clarification

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-24 17:28:09 UTC
From: J. M. Moen
Topic: 10925 Message: 10929

The ICOM G2 registration software has a two-step process. The first step essentially sets up an account named for the callsign and saves the password you entered. There are no terminals set up for this callsign at that point.

The second step is to log on and create one or more terminals. You don't actually have to create a terminal with a "blank" initial, though if you plan to use DPlus, you probably should. (And if you don't plan to use DPlus, there's no reason to do G2 registration.)

Back to KB0RFC's issue - what I don't know is how the ircDDB's registration process works exactly. That is, I know that they have an edit to ensure the given callsign is not already registered in the G2 database. But I don't know if that edit checks for terminals, or if it will also fail if only Step 1 has been done.

Does anyone know the answer to that?

Jim - K6JM

PS At http://www.gmskdvnode.info/#Callsign_Routing <http://www.gmskdvnode.info/> , it stresses registering with ircDDB first, before registering at a US Trust Gateway, but it also talks about terminals and that could lead people to think doing Step 1 before ircDDB is ok.

Many people know this, but ircDDB provides this edit as a courtesy to the US Trust team. The G2 software is the place where problems happen if a G2 Gateway is given a personal callsign. Non G2 Gateways such as G4KLX ircDDBGateway or FreeStar do not have a problem with that.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jayson Quilantan
Sent: Monday, March 24, 2014 1:26 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] ircDDB registration clarification

I submitted registration for my club callsign over a week ago to ircDDB and have yet to receive anything from them? Also sent e-mail, does it typically take this long or longer? All the website will tell me is that I'm in the queue.

Too, on the gmskdvnode.info site where it goes into the registration dance, is it wrong? After having a spirited discussion with Elliot Linke KB0RFC of the W0TLM system in Monument, Colorado, he claims that step one is misleading... that if the registration process has begun on a US Trust system even without active terminals, the callsign itself is a BLANK terminal?!

Do BLANK terminals affect ircDDB?

10930. RE: [gmsk_dv_node] Re: Unable to Route D-Star Traffic?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-24 17:43:18 UTC
From: J. M. Moen
Topic: 10926 Message: 10930

There is a minor flaw in the G2 registration software, but it can cause great frustration to new D-STAR users. The registration tells you, when you have finished Step 1, that you will be notified when the Admin has approved your request.

But the software does not actually notify the Admin. So he or she has to log on periodically and see if approvals are waiting. Some don’t do that very often, it appears.

If you know one of the Admins at the Gateway, you might mention there is a simple add-on to the G2 registration system that will send an email when someone is awaiting approval. It also sends the notification to the Pushover system, so if the Admin purchases the iOS or Android Pushover app, the notification will also go to the Admin’s smartphone. In my case, I set up an unusual beep tone for these notifications, so when I hear that, I know to log on and approve a waiting request.

If your Admin friends are interested, politely direct them to http://dstar.info/reg_notify.html. This is for G2 Gateway Admins, though everyone might be interested in the Pushover service for other group ham projects….

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of zburns@...
Sent: Monday, March 24, 2014 8:55 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Unable to Route D-Star Traffic?
Fred,
Thanks for the information - yeah, I think the hold up is on the D-Plus Trust Admins side - as its been in the IRCDDB list for more about a week.

Thanks.

Zack - N8ZAK

10931. Re: RE: RE: [gmsk_dv_node] Pi with Moencomm board not working/ FW updated

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-24 17:59:48 UTC
From: Bill PIke
Topic: 10913 Message: 10931

Yes Dave, I am using the Western DSTAR (G4KLX) and a powered hub. Fred sent me new firmware (beta) and I had some problems after installation but that now runs well with my Win7 PC. I'm back trying to talk to the board with the RPi but have not been able. A log entry says it cannot find the board.

A local ham says he had same problem and is using something else. I'll hear what he says before chasing this further.

Bill K2ILH)
On 03/23/14, David Webb wrote:
?
?

Bill,

Which G4KLX image are you trying to use on the Pi? Western DSTAR, the Maryland club, PAPA System? And are you sure everything has been setup as far as the software stuff goes? I think you will also need to use a powered USB hub for the MoenComm board because I don't think the Pi has enough juice to power it through it's USB port.

Dave-KB1PVH

10932. Re: RE: RE: [gmsk_dv_node] Pi with Moencomm board not working/ FW updated

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-24 18:27:44 UTC
From: Joel Jameson
Topic: 10913 Message: 10932

Something to check, by default the pi uses the standard serial terminal for the console.

It should be something different for the MoenComm board, but please check what is configured.

On Mon, Mar 24, 2014 at 12:59 PM, Bill PIke <k2ilh@...> wrote:

>
>
> Yes Dave, I am using the Western DSTAR (G4KLX) and a powered hub. Fred
> sent me new firmware (beta) and I had some problems after installation but
> that now runs well with my Win7 PC. I'm back trying to talk to the board
> with the RPi but have not been able. A log entry says it cannot find the
> board.
>
> A local ham says he had same problem and is using something else. I'll
> hear what he says before chasing this further.
>
>
> *Bill K2ILH*
>
>
>

10933. RE: [gmsk_dv_node] ircDDB registration clarification

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-24 18:31:19 UTC
From: Fred PA4YBR
Topic: 10925 Message: 10933

Registering a station as a gateway is different, Jim. I believe that is what the OP
has done a while ago, and is still awaiting response.

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of J. M. Moen
Sent: Monday, March 24, 2014 6:28 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] ircDDB registration clarification

The ICOM G2 registration software has a two-step process. The first step essentially sets up an account named for the callsign and saves the password you entered. There are no terminals set up for this callsign at that point.

The second step is to log on and create one or more terminals. You don't actually have to create a terminal with a "blank" initial, though if you plan to use DPlus, you probably should. (And if you don't plan to use DPlus, there's no reason to do G2 registration.)

Back to KB0RFC's issue - what I don't know is how the ircDDB's registration process works exactly. That is, I know that they have an edit to ensure the given callsign is not already registered in the G2 database. But I don't know if that edit checks for terminals, or if it will also fail if only Step 1 has been done.

Does anyone know the answer to that?

Jim - K6JM

PS At <http://www.gmskdvnode.info/>
http://www.gmskdvnode.info/#Callsign_Routing, it stresses registering with ircDDB first, before registering at a US Trust Gateway, but it also talks about terminals and that could lead people to think doing Step 1 before ircDDB is ok.

Many people know this, but ircDDB provides this edit as a courtesy to the US Trust team. The G2 software is the place where problems happen if a G2 Gateway is given a personal callsign. Non G2 Gateways such as G4KLX ircDDBGateway or FreeStar do not have a problem with that.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jayson Quilantan
Sent: Monday, March 24, 2014 1:26 AM
To: gmsk_dv_node@yahoogroups.com

Subject: [gmsk_dv_node] ircDDB registration clarification

I submitted registration for my club callsign over a week ago to ircDDB and have yet to receive anything from them? Also sent e-mail, does it typically take this long or longer? All the website will tell me is that I'm in the queue.

Too, on the <http://gmskdvnode.info> gmskdvnode.info site where it goes into the registration dance, is it wrong? After having a spirited discussion with Elliot Linke KB0RFC of the W0TLM system in Monument, Colorado, he claims that step one is misleading... that if the registration process has begun on a US Trust system even without active terminals, the callsign itself is a BLANK terminal?!

Do BLANK terminals affect ircDDB?

10934. RE: RE: RE: [gmsk_dv_node] Pi with Moencomm board not working/ FW updated

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-24 18:33:05 UTC
From: Fred PA4YBR
Topic: 10913 Message: 10934

Bill,

Please email me that log.

There is no reason why the board would not work with the Pi, unless something is
wrong at the hardware level. Since we know the board DOES run updated firmware,
AND works with the PC, that's not the problem....

Fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Bill PIke
Sent: Monday, March 24, 2014 7:00 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: RE: RE: [gmsk_dv_node] Pi with Moencomm board not working/ FW updated

Yes Dave, I am using the Western DSTAR (G4KLX) and a powered hub. Fred sent me new firmware (beta) and I had some problems after installation but that now runs well with my Win7 PC. I'm back trying to talk to the board with the RPi but have not been able. A log entry says it cannot find the board.

A local ham says he had same problem and is using something else. I'll hear what he says before chasing this further.

Bill K2ILH)

On 03/23/14, David Webb<kb1pvh@...> wrote:

Bill,

Which G4KLX image are you trying to use on the Pi? Western DSTAR, the Maryland club, PAPA System? And are you sure everything has been setup as far as the software stuff goes? I think you will also need to use a powered USB hub for the MoenComm board because I don't think the Pi has enough juice to power it through it's USB port.

Dave-KB1PVH

10935. RE: RE: RE: [gmsk_dv_node] Pi with Moencomm board not working/ FW updated

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-24 18:34:45 UTC
From: Fred PA4YBR
Topic: 10913 Message: 10935

This is not relevant to Bill's problem.

Bill should log on to the Pi using ssh or telnet, and then use commands like "lsusb" to make sure the board is even connected (and seen), and then check "dmesg" to see if the kernel has properly reported it as a new device on the bus.

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Joel Jameson
Sent: Monday, March 24, 2014 7:28 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: RE: RE: [gmsk_dv_node] Pi with Moencomm board not working/ FW updated

Something to check, by default the pi uses the standard serial terminal for the console.

It should be something different for the MoenComm board, but please check what is configured.

On Mon, Mar 24, 2014 at 12:59 PM, Bill PIke <k2ilh@...> wrote:

Yes Dave, I am using the Western DSTAR (G4KLX) and a powered hub. Fred sent me new firmware (beta) and I had some problems after installation but that now runs well with my Win7 PC. I'm back trying to talk to the board with the RPi but have not been able. A log entry says it cannot find the board.

A local ham says he had same problem and is using something else. I'll hear what he says before chasing this further.

Bill K2ILH

10936. Re: [gmsk_dv_node] Pi with Moencomm board not working/ FW updated

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-24 20:37:31 UTC
From: Bill
Topic: 10913 Message: 10936

That's something I could do 20 or 30 years ago, but long forgotten now.

Regards,
Bill (K2ILH)
(from my mobile device)

> On Mar 24, 2014, at 2:34 PM, "Fred PA4YBR" <fred@...> wrote:
>
> This is not relevant to Bill's problem.
>
> Bill should log on to the Pi using ssh or telnet, and then use commands
> like "lsusb" to make sure the board is even connected (and seen), and
> then check "dmesg" to see if the kernel has properly reported it as a
> new device on the bus.
>
> Fred
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Joel Jameson
> Sent: Monday, March 24, 2014 7:28 PM
> To: gmsk_dv_node@yahoogroups.com
> Subject: Re: RE: RE: [gmsk_dv_node] Pi with Moencomm board not working/ FW updated
>
>
> Something to check, by default the pi uses the standard serial terminal for the console.
>
> It should be something different for the MoenComm board, but please check what is configured.
>
>
>> On Mon, Mar 24, 2014 at 12:59 PM, Bill PIke <k2ilh@...> wrote:
>>
>> Yes Dave, I am using the Western DSTAR (G4KLX) and a powered hub. Fred sent me new firmware (beta) and I had some problems after installation but that now runs well with my Win7 PC. I'm back trying to talk to the board with the RPi but have not been able. A log entry says it cannot find the board.
>>
>> A local ham says he had same problem and is using something else. I'll hear what he says before chasing this further.
>>
>> Bill K2ILH
>
>

10937. Re: [gmsk_dv_node] Re: Atn Motorola folks... P200/HT600 with GMSK?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-25 00:50:23 UTC
From: <rhyolite@...>
Topic: 4827 Message: 10937

Erik; I saw this old post and being a Motorola SABER/SYSTEM SABER fanatic, it caught my eye.
I wonder if someone were to figure out the SABER control codes (SB9600?) if a small interface board could be made to adapt an ICOM UT-121 DV board into the space occupied by the SECURENET DES/DVP module. There would need to be some microprocessor and code to sense clear/coded and to fool the radio's uP into thinking a proper encryption board option and encryption key were loaded. Then the microprocessor could control audio and data routing. The secure/clear switch or software mode steering could turn the D-STAR on and off.
Not sure how much space is available. It appears the UT-121 is about the height of a penny from a picture on the web. I am thinking an interface board that plugs into the encryption socket pins and then accepts pins or flat cable from the UT-121. The UT-121 could lay in flat on the interface or perhaps if needed, at a 45 degree angle to conserve space. The SABER is a great platform for this sort of integration as is a readily available and easy to work with. Being that SECURENET is 12KBPS the bandwidth is no problem.

Someone has already done this for various analog base and mobile radios:

see below
http://dstarradioclub-international.com/dv-adapters---for-more-information--manual-links.html?success=1&ucfid=510239683496259871&text=Thank+you.+Your+information+has+been+submitted
http://dstarradioclub-international.com/dv-adapters---for-more-information--manual-links.html?success=1&ucfid=510239683496259871&text=Thank+you.+Your+information+has+been+submitted

10938. Re: OT: Barry G8SAU, listening?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-25 00:54:05 UTC
From: <rhyolite@...>
Topic: 4827 Message: 10938

I should add that somewhere I have some depot or lab type software that reads the bits on the control bus inside the SABER. I tried it once, used the RIB interface and could see switch settings being moved etc.

10939. Re: [gmsk_dv_node] Re: Atn Motorola folks... P200/HT600 with GMSK?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-25 15:16:06 UTC
From: <rhyolite@...>
Topic: 4827 Message: 10939

I should add that somewhere I have some depot or lab type software that reads the bits on the control bus inside the SABER. I tried it once, used the RIB interface and could see switch settings being moved etc.

10940. Easy/Inexpensive radio for interface

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-25 15:31:37 UTC
From: <jlbates4@...>
Topic: 10940 Message: 10940

What radios have been easily integrated with the Moencomm board? Kenwood? Icom? Yeasu?

10941. Re: [gmsk_dv_node] Easy/Inexpensive radio for interface

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-25 15:43:28 UTC
From: MontyS
Topic: 10940 Message: 10941

I use an Alinco DR-135T. It requires a simple 1-wire modification, and it’s inexpensive. There are similar models for 220 and 450mhz.

Monty K2DLJ

From: jlbates4@...
Sent: Tuesday, March 25, 2014 11:31 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Easy/Inexpensive radio for interface

What radios have been easily integrated with the Moencomm board?

Kenwood? Icom? Yeasu?

10942. Re: [gmsk_dv_node] Easy/Inexpensive radio for interface

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-25 15:53:49 UTC
From: David Webb
Topic: 10940 Message: 10942

The Motorola Maxtrac and GM300 with the 16 pin accessory plug work well and can be found for $50 on EBay.

Dave-KB1PVH

On Tue, Mar 25, 2014 11:31 AM EDT jlbates4@... wrote:

>What radios have been easily integrated with the Moencomm board? Kenwood? Icom? Yeasu?
>
>
>

10943. RE: [gmsk_dv_node] Easy/Inexpensive radio for interface

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-25 23:34:13 UTC
From: J. M. Moen
Topic: 10940 Message: 10943

I agree with Monty K2DLJ and Dave KB1PVH. My fulltime Hotspot radio is the Alinco DR-135 Mk III. I have used two MaxTracs for a “garage repeater” with success. I have also used a Kenwood D700A and Yaesu FT-817ND.

If you go the MaxTrac or GM300 route, you: will need to acquire the RSS (programming software) and cable; have a friend who works at a mobile radio shop; or are willing to pay such a shop to program the radio. In fact, it’s fun to learn about the Motorola radios, but you need to be prepared for that.

In general, I recommend doing a search for a used analog FM radio that can do 9600 baud packet. If you are lucky, it will have a 6 pin min DIN data connector on the back, though it’s easy to make up a cable for other radios.

For used analog FM radios, I’d search:
* eham.net (http://www.eham.net/classifieds/search)
* Ham Radio Classifieds (http://www.hamradioclassifieds.com/search.php)
* Qrz.com (http://forums.qrz.com/forumdisplay.php?7-Ham-Radio-Gear-For-Sale)
* Qth.com (http://swap.qth.com/)
* Ebay
* Ham flea markets or hamfests

If you see something promising, find the manual on the internet and see what kind of packet data connector it has, and if the menu system allows you to set the packet data rate to 9600. You can also check the Files section of this Yahoo Group’s website under Radio Files, in case someone has documented their experience with the radio in question. I and I’m sure others will be willing to give you feedback before you buy or bid.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@...m] On Behalf Of jlbates4@...
Sent: Tuesday, March 25, 2014 8:32 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Easy/Inexpensive radio for interface
What radios have been easily integrated with the Moencomm board?
Kenwood? Icom? Yeasu?

10944. Alinco DR-x35 mods for Hotspot service

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-26 18:50:15 UTC
From: J. M. Moen
Topic: 10944 Message: 10944

I have documented several mods (developed by others) for the Alinco DR-x35T/E MkIII radios. While none is ideal, I am happy with my modified DR-135T/E MkIII in Hotspot service.

The mods are described here: http://www.k6jm.com/hs-alinco-mods.htm.

Jim – K6JM

The menu for my D-STAR information is located here: http://www.k6jm.com/dstarmenu.htm

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of MontyS
Sent: Tuesday, March 25, 2014 8:43 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Easy/Inexpensive radio for interface

I use an Alinco DR-135T. It requires a simple 1-wire modification, and it’s inexpensive. There are similar models for 220 and 450mhz.

Monty K2DLJ

From: jlbates4@...
Sent: Tuesday, March 25, 2014 11:31 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Easy/Inexpensive radio for interface
What radios have been easily integrated with the Moencomm board?
Kenwood? Icom? Yeasu?

10945. Re: Alinco DR-x35 mods for Hotspot service

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-27 00:26:06 UTC
From: <dperv27@...>
Topic: 10944 Message: 10945

Will this mod work with the DR-235TMKIII's? I have found poor results using the 235's with 9600 baud packet (using a PK-96 and/or AGWPE/Soundcard). Not to mention the EJ-41 TNC's are even worse.

--73 de N1OBU (Doug)

10946. RE: [gmsk_dv_node] Re: Alinco DR-x35 mods for Hotspot service

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-27 04:12:28 UTC
From: J. M. Moen
Topic: 10944 Message: 10946

Doug,

As you know the DR-235 is a single band transceiver operating on the 222 MHz band. I'm not aware of any D-STAR radios available for that band, so there wouldn't be much use for it in Hotspot service.

I guess you could get two of them and put GMSK Modems on each, connected to PCs running the G4KLX GMSKClient program, thus adapting them to be a D-STAR compatible radio and they could talk to each other using DV.

Back to your real questions – from what I've read by the authors of the mods, the DR-x35 radios are all similar and the same mod "should" work on all of them, but of course there are no guarantees. You do not want a radio with the EJ-41 TNC – the GMSK Modem functions as a TNC. Since these radios were designed to work with the optional EJ-47U Alinco-only digital voice board (which you also do not want), there is processing of the TX audio which has been found to corrupt D-STAR's GMSK modulation, and possibly traditional 9600 packet suffers from the same issue. The purpose of the mods is to attempt to overcome this design.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of dperv27@...
Sent: Wednesday, March 26, 2014 5:26 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Alinco DR-x35 mods for Hotspot service
Will this mod work with the DR-235TMKIII's? I have found poor results using the 235's with 9600 baud packet (using a PK-96 and/or AGWPE/Soundcard). Not to mention the EJ-41 TNC's are even worse.
--73 de N1OBU (Doug)

10947. RE: [gmsk_dv_node] Re: Alinco DR-x35 mods for Hotspot service

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-27 20:03:28 UTC
From: <dperv27@...>
Topic: 10944 Message: 10947

Jim,
Thanks for the response. Even though it is a bit off topic.. I have a couple DR-235's and would like to use them on 9600 AX.25 packet with PK-96's. Right now they are working fine at 1200 baud with TinyTrak4.

--73 de Doug

10948. RE: [gmsk_dv_node] Re: Alinco DR-x35 mods for Hotspot service

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-28 03:09:37 UTC
From: J. M. Moen
Topic: 10944 Message: 10948

It’s possible one of the mods listed at http://www.k6jm.com/hs-alinco-mods.htm would be helpful for what you are doing…

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of dperv27@...
Sent: Thursday, March 27, 2014 1:03 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: Alinco DR-x35 mods for Hotspot service

Jim,
Thanks for the response. Even though it is a bit off topic.. I have a couple DR-235's and would like to use them on 9600 AX.25 packet with PK-96's. Right now they are working fine at 1200 baud with TinyTrak4.
--73 de Doug

10949. RE: [gmsk_dv_node] Re: Alinco DR-x35 mods for Hotspot service

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-28 20:46:33 UTC
From: <dperv27@...>
Topic: 10944 Message: 10949

Jim,
I would like to use the DR-235 with a PK-96 on my RMS Gateway station. I figured a 9600 baud port would be a great addition to the system. I am currently running the system at 1200 baud and it works great. 1.25m is a great band for packet!! Nice and quiet. Plus.. My system is running on CentOS, so the 9600 baud packet would be extended to the TCP/IP stack.

10950. Having to "double clutch" PTT with MoenCom board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-30 16:47:51 UTC
From: <kj6omw@...>
Topic: 10950 Message: 10950

I'm having a strange situation suddenly with my Moencom GMSK board. I've only had it working for a few days. I had some connection issues with Xreflectors that got straightened out last night, however now it's doing something that I can't figure out, and it's doing the same thing using both WinVD and DVAR Hot Spot, so I believe that's going to narrow the issue down to the board or it's firmware.

There are three LED's on the board. Green/on, Amber/Tx, Red/Rx. It used to be that when I pressed the PTT the amber light would come on and stay on until I released the PTT, and everything was lovely. Now when I key up, the Amber comes on for a split second, then goes out. The text info that it's sending (MyCall, UrCall, etc...) comes up as gibberish and it's not passing audio, connecting to repeater/reflector, etc...

I found that if I let off the PTT as soon as the Amber LED goes out, then hit it again, the light stays on, text info is correct, audio works, etc... Basically everything works fine as long at I hit the PTT twice (or more). During a long QSO last night, the sequence changed to key it once and the Amber would come on then drop, key it again and no amber at all, hit it a third time and it worked. Now it's back to only having to key it twice.

Has anyone else encountered this? Thanks in advance for any suggestions.

10951. RE: [gmsk_dv_node] Having to "double clutch" PTT with MoenCom board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-30 19:20:18 UTC
From: jim
Topic: 10950 Message: 10951

Curious. It's almost as if it is trying to do full duplex. I'd go back to basics. Look at www.moencomm.com/SBsettings.htm and check the jumpers. Then use NAWinCFG and check the firmware settings, especially Half Duplex should be checked.

Once all that is ok, try NAWinTEST and see if it has the same problem.

(I am away from the home QTH; sorry for the short reply.)

Jim - K6JM

Sent via the Samsung Galaxy S™III

-------- Original message --------
From: kj6omw@gmail.com
Date:03/30/2014 09:47 (GMT-08:00)
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Having to "double clutch" PTT with MoenCom board

I'm having a strange situation suddenly with my Moencom GMSK board. I've only had it working for a few days. I had some connection issues with Xreflectors that got straightened out last night, however now it's doing something that I can't figure out, and it's doing the same thing using both WinVD and DVAR Hot Spot, so I believe that's going to narrow the issue down to the board or it's firmware.

There are three LED's on the board. Green/on, Amber/Tx, Red/Rx. It used to be that when I pressed the PTT the amber light would come on and stay on until I released the PTT, and everything was lovely. Now when I key up, the Amber comes on for a split second, then goes out. The text info that it's sending (MyCall, UrCall, etc...) comes up as gibberish and it's not passing audio, connecting to repeater/reflector, etc...

I found that if I let off the PTT as soon as the Amber LED goes out, then hit it again, the light stays on, text info is correct, audio works, etc... Basically everything works fine as long at I hit the PTT twice (or more). During a long QSO last night, the sequence changed to key it once and the Amber would come on then drop, key it again and no amber at all, hit it a third time and it worked. Now it's back to only having to key it twice.

Has anyone else encountered this? Thanks in advance for any suggestions.

10952. RE: [gmsk_dv_node] Having to "double clutch" PTT with MoenCom board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-30 20:32:52 UTC
From: <kj6omw@...>
Topic: 10950 Message: 10952

Jim,
Thanks for the reply. You seem to have hit on a couple of things right off the bat. "Half Duplex" was unchecked (that alone didn't fix my issue), but I now have some direction and will get in to the jumpers, etc...

For someone like me going through the motions without REALLY understanding how everything works, there is a mind boggling number of settings and places to get sideways. I had completely forgotten about NAWinCFG.

Thanks again for the reply. I'll keep you posted.

Mark/K6PMG

10953. RE: [gmsk_dv_node] Having to "double clutch" PTT with MoenCom board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-31 06:53:59 UTC
From: <kj6omw@...>
Topic: 10950 Message: 10953

Well apparently the half duplex setting was the ticket. It hadn't corrected it before my last post, but when I came back to the shack a few hours later to look at the jumpers everything was working fine. I never restarted the board, but something obviously either re-started or "took". All I know is it's working great and that's all I need to know at this point. lol

I'd have never found that setting, so thanks very much for the reply!

10954. RE: [gmsk_dv_node] Having to "double clutch" PTT with MoenCom board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-03-31 08:35:08 UTC
From: J. M. Moen
Topic: 10950 Message: 10954

Good news. Thanks for the update.

Take a look at my webpage “Building a D-Star Compatible Hotspot” at http://www.k6jm.com/hs-setup.htm . It tries to answer some of the questions when setting up a new Hotspot.

And feel free to contact me by direct email.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of kj6omw@...
Sent: Sunday, March 30, 2014 11:54 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Having to "double clutch" PTT with MoenCom board
Well apparently the half duplex setting was the ticket. It hadn't corrected it before my last post, but when I came back to the shack a few hours later to look at the jumpers everything was working fine. I never restarted the board, but something obviously either re-started or "took". All I know is it's working great and that's all I need to know at this point. lol

I'd have never found that setting, so thanks very much for the reply!

10955. Brand New MoenComm Modem fails Echo Test

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-03 04:27:26 UTC
From: <af9w@...>
Topic: 10955 Message: 10955

I received the board today. I followed the directions on the web at http://www.k6jm.com/hs-setup.htm http://www.k6jm.com/hs-setup.htm. The receive test works fine. On the Echo Test I don't hear or see any decode. The ID-51A blinks between DV-A and FM which according to the ID-51A manual means it thinks it is receiving FM. I am using an FT-8800, set to 9600 baud, Narrow mode, simplex UHF. I have tried changing the TX pot, the TX invert, etc and still no sound from the Echo Test. The transmitter is keying and I am getting a full scale S Meter reading.

The computer is running a fully up to date Windows XP.

Any thoughts?

Bob AF9W

10956. RE: [gmsk_dv_node] Brand New MoenComm Modem fails Echo Test

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-03 05:02:28 UTC
From: Brad NK8J
Topic: 10955 Message: 10956
Attachments: 1 described; binary payloads are missing from this source WARC

The TX is for your RX you need to adjust the RX pot for your transmit.

Brad NK8J

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of af9w@...
Sent: Wednesday, April 02, 2014 9:27 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Brand New MoenComm Modem fails Echo Test

I received the board today. I followed the directions on the web at http://www.k6jm.com/hs-setup.htm. The receive test works fine. On the Echo Test I don't hear or see any decode. The ID-51A blinks between DV-A and FM which according to the ID-51A manual means it thinks it is receiving FM. I am using an FT-8800, set to 9600 baud, Narrow mode, simplex UHF. I have tried changing the TX pot, the TX invert, etc and still no sound from the Echo Test. The transmitter is keying and I am getting a full scale S Meter reading.

The computer is running a fully up to date Windows XP.

Any thoughts?

Bob AF9W

_____
<http://thirdpartyoffers.juno.com/TGL3156/?u=http://newsletter.adsonar.com/nwrss/iMapRedirector?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&pos=0&zw=500&zh=70&v=5&url=NA&uid=> Image removed by sender.

10957. RE: [gmsk_dv_node] Brand New MoenComm Modem fails Echo Test

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-03 10:24:50 UTC
From: Fred PA4YBR
Topic: 10955 Message: 10957

Hi Bob,

This can be one these:

- TX Invert settings wrong for the (analog FM) radio being used
- TX audio level incorrect for that same (analog FM) radio
- wrong settings on that (analog FM) radio - you need to make sure its "data' port is set to handle 9600bps mode, often this is a menu setting.

So, play with the TX invert setting first. One some radios it has to be ON, yet on others (depending on how their modulator works) is has to be OFF.

If that doesnt seem to do it (only 2 choices, eh? :) then it could well be the audio level. If too little, not enough FM deviation will be output, and the ID51 can't decode it. It too much, there will be too wide a signal, and the ID51, with its narrower filters, will clip part of the signal, and then wont be able to decode.

I'd first check the radio's "9600" setting. Then, play with TXinvert, and, finally, check audio level.

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of af9w@...
Sent: Thursday, April 03, 2014 6:27 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Brand New MoenComm Modem fails Echo Test

I received the board today. I followed the directions on the web at http://www.k6jm.com/hs-setup.htm. The receive test works fine. On the Echo Test I don't hear or see any decode. The ID-51A blinks between DV-A and FM which according to the ID-51A manual means it thinks it is receiving FM. I am using an FT-8800, set to 9600 baud, Narrow mode, simplex UHF. I have tried changing the TX pot, the TX invert, etc and still no sound from the Echo Test. The transmitter is keying and I am getting a full scale S Meter reading.

The computer is running a fully up to date Windows XP.

Any thoughts?

Bob AF9W

10958. Re: [gmsk_dv_node] Brand New MoenComm Modem fails Echo Test

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-03 15:04:37 UTC
From: Bob Stephens
Topic: 10955 Message: 10958

This morning I connected the board to my 817 and played with the PKT MIC gain and TX pot and I know have NAWinTEST Echo Test working. Now, on to the next step. Once I have it working well with the 817 I'll spend more time with the 8800.

Thanks for the responses. Once I knew that deviation was a key element it helped me with my patience :-)

73 de AF9W
Bob Stephens

On Apr 3, 2014, at 3:24 AM, Fred PA4YBR wrote:

>
> Hi Bob,
>
> This can be one these:
>
> - TX Invert settings wrong for the (analog FM) radio being used
> - TX audio level incorrect for that same (analog FM) radio
> - wrong settings on that (analog FM) radio - you need to make
> sure its "data' port is set to handle 9600bps mode, often this
> is a menu setting.
>
> So, play with the TX invert setting first. One some radios it has to be
> ON, yet on others (depending on how their modulator works) is has
> to be OFF.
>
> If that doesnt seem to do it (only 2 choices, eh? :) then it could
> well be the audio level. If too little, not enough FM deviation will be
> output, and the ID51 can't decode it. It too much, there will be too
> wide a signal, and the ID51, with its narrower filters, will clip part of
> the signal, and then wont be able to decode.
>
> I'd first check the radio's "9600" setting. Then, play with TXinvert,
> and, finally, check audio level.
>
> Fred
>
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of
af9w@...
> Sent: Thursday, April 03, 2014 6:27 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Brand New MoenComm Modem fails Echo Test
>
>

> I received the board today. I followed the directions on the web at http://www.k6jm.com/hs-setup.htm. The receive test works fine. On the Echo Test I don't hear or see any decode. The ID-51A blinks between DV-A and FM which according to the ID-51A manual means it thinks it is receiving FM. I am using an FT-8800, set to 9600 baud, Narrow mode, simplex UHF. I have tried changing the TX pot, the TX invert, etc and still no sound from the Echo Test. The transmitter is keying and I am getting a full scale S Meter reading.
>
> The computer is running a fully up to date Windows XP.
>
> Any thoughts?
>
> Bob AF9W
>
>
>

10959. FT-8800

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-04 17:57:50 UTC
From: J. M. Moen
Topic: 10959 Message: 10959

Bob,

Glad your Hotspot is running using the FT-817. When you try it again on the 8800, attached are a couple of posts I found, so at least we know it has been used successfully in Hotspot service.

Jim - K6JM

I am using the FT-8800R with the Starboard with no issues here. Mine system is operating on 2 meters and i have the TX & RX inverse Both NOT CHECKED. Of course my radio is set to 9600baud and in narrow mode. Other than that the TX & RX pots on the board are set to about the middle position as they were when they were shipped.

I use the Yaesu 8800 with complete success, also. You may wish to add that to your list.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Bob Stephens
Sent: Thursday, April 03, 2014 8:05 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Brand New MoenComm Modem fails Echo Test
This morning I connected the board to my 817 and played with the PKT MIC gain and TX pot and I know have NAWinTEST Echo Test working. Now, on to the next step. Once I have it working well with the 817 I'll spend more time with the 8800.
Thanks for the responses. Once I knew that deviation was a key element it helped me with my patience :-)

73 de AF9W
Bob Stephens

10960. Re: [gmsk_dv_node] FT-8800

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-04 23:05:26 UTC
From: Richard Bateman
Topic: 10959 Message: 10960

Yeah, I’ve got mine running with both the 7800 and 8800 and both work fine.

Richard

On Apr 4, 2014, at 11:57, J. M. Moen <jim@...> wrote:

>
> Bob,
>
> Glad your Hotspot is running using the FT-817. When you try it again on the 8800, attached are a couple of posts I found, so at least we know it has been used successfully in Hotspot service.
>
> Jim – K6JM
>
>
> I am using the FT-8800R with the Starboard with no issues here. Mine system is operating on 2 meters and i have the TX & RX inverse Both NOT CHECKED. Of course my radio is set to 9600baud and in narrow mode. Other than that the TX & RX pots on the board are set to about the middle position as they were when they were shipped.
>
>
> I use the Yaesu 8800 with complete success, also. You may wish to add that to your list.
>
>
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Bob Stephens
> Sent: Thursday, April 03, 2014 8:05 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: Re: [gmsk_dv_node] Brand New MoenComm Modem fails Echo Test
>
> This morning I connected the board to my 817 and played with the PKT MIC gain and TX pot and I know have NAWinTEST Echo Test working. Now, on to the next step. Once I have it working well with the 817 I'll spend more time with the 8800.
>
> Thanks for the responses. Once I knew that deviation was a key element it helped me with my patience :-)
>
>
> 73 de AF9W
> Bob Stephens
>
>
>
>

10961. Re: [gmsk_dv_node] FT-8800

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-04 23:32:01 UTC
From: Bob Stephens
Topic: 10959 Message: 10961

The interesting part about this is that I had to turn the DIG MIC gain on the FT817 all the way to 100 and turn the TX trimpot clockwise (as you face the connectors) from about 12 to 1. I just tried the 8800 again and still no joy. I didn't adjust the trimpots yet since I don't want to break the 817 setup while I learn about the software and how to use the hotspot. I did try the invert on the TX and that doesn't make any difference either. I have a second 8800 that I will try in the next few days to see if it is any different.

Anyway, I'm happy with the current setup while I learn more.

73 de AF9W
Bob Stephens

On Apr 4, 2014, at 10:57 AM, J. M. Moen wrote:

> Bob,
>
> Glad your Hotspot is running using the FT-817. When you try it again on the 8800, attached are a couple of posts I found, so at least we know it has been used successfully in Hotspot service.
>
> Jim – K6JM
>
>
> I am using the FT-8800R with the Starboard with no issues here. Mine system is operating on 2 meters and i have the TX & RX inverse Both NOT CHECKED. Of course my radio is set to 9600baud and in narrow mode. Other than that the TX & RX pots on the board are set to about the middle position as they were when they were shipped.
>
>
> I use the Yaesu 8800 with complete success, also. You may wish to add that to your list.
>
>
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Bob Stephens
> Sent: Thursday, April 03, 2014 8:05 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: Re: [gmsk_dv_node] Brand New MoenComm Modem fails Echo Test
>
> This morning I connected the board to my 817 and played with the PKT MIC gain and TX pot and I know have NAWinTEST Echo Test working. Now, on to the next step. Once I have it working well with the 817 I'll spend more time with the 8800.
>
> Thanks for the responses. Once I knew that deviation was a key element it helped me with my patience :-)
>

>
> 73 de AF9W
> Bob Stephens
>
>
>
>

10962. RE: [gmsk_dv_node] Star*Board + Pi Install?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-05 00:24:20 UTC
From: <vk4tux@...>
Topic: 10774 Message: 10962

I'm not sure where the funny factor is in your comment Fred, however these boards are not mine. I have set up hundred of systems worldwide, and the ones I speak off are via ssh anywhere in the world.

You should hear from Nacho - EA1IDU soon....; re: obtaining the latest firmware from you.
I have been been setting up many gmsk systems in Spain & Italy in recent times.
I am yet to see any issue with a gmsk
- Moencomm board with my latest pidora 20 image, which is exceeding expectations in hardware support.

http://vk4tux.openquad.net/index.html http://vk4tux.openquad.net/index.html

Adrian ... vk4tux

10963. Re: [gmsk_dv_node] FT-8800

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-05 01:01:43 UTC
From: Barry Volpe
Topic: 10959 Message: 10963

Hello,

I have the Star board working with the FT8800 and I DO have the TX inverse enabled (checked). I am using 440mhz, 9600bd, wide.

This may be very obvious but check the Packet RCV (menu item 27) since it can be set Left Fixed, Right Fixed or main.

Also I understand that everyone has there own way of adjusting the pots and what I do is and as mentioned start with the pots in the middle as they are shipped.

After keying up the DSTAR radio and performing the NAWinTEST while it is playing back make the adjustment of the TX pot on the fly and slightly until the audio is heard.

Thanks,
Barry

On Fri, Apr 4, 2014 at 4:32 PM, Bob Stephens <af9w@...> wrote:

>
>
> The interesting part about this is that I had to turn the DIG MIC gain on
> the FT817 all the way to 100 and turn the TX trimpot clockwise (as you face
> the connectors) from about 12 to 1. I just tried the 8800 again and still
> no joy. I didn't adjust the trimpots yet since I don't want to break the
> 817 setup while I learn about the software and how to use the hotspot. I
> did try the invert on the TX and that doesn't make any difference either.
> I have a second 8800 that I will try in the next few days to see if it is
> any different.
>
> Anyway, I'm happy with the current setup while I learn more.
>
>
> 73 de AF9W
> Bob Stephens
>
>
>
>
> On Apr 4, 2014, at 10:57 AM, J. M. Moen wrote:
>
>
>
>
> Bob,
>

> Glad your Hotspot is running using the FT-817. When you try it again on
> the 8800, attached are a couple of posts I found, so at least we know it
> has been used successfully in Hotspot service.
>
> Jim - K6JM
>
> I am using the FT-8800R with the Starboard with no issues here. Mine
> system is operating on 2 meters and i have the TX & RX inverse Both NOT
> CHECKED. Of course my radio is set to 9600baud and in narrow mode. Other
> than that the TX & RX pots on the board are set to about the middle
> position as they were when they were shipped.
>
> I use the Yaesu 8800 with complete success, also. You may wish to add
> that to your list.
>
> *From:* gmsk_dv_node@yahoogroups.com
[mailto:gmsk_dv_node@yahoogroups.com<gmsk_dv_node@yahoogroups.com>
>]* On Behalf Of* Bob Stephens
> *Sent:* Thursday, April 03, 2014 8:05 AM
> *To:* gmsk_dv_node@yahoogroups.com
> *Subject:* Re: [gmsk_dv_node] Brand New MoenComm Modem fails Echo Test
>
> This morning I connected the board to my 817 and played with the PKT MIC
> gain and TX pot and I know have NAWinTEST Echo Test working. Now, on to
> the next step. Once I have it working well with the 817 I'll spend more
> time with the 8800.
>
> Thanks for the responses. Once I knew that deviation was a key element it
> helped me with my patience :-)
>
> 73 de AF9W
> Bob Stephens
>
>
>
>
>

10964. Re: Thorcom RLC290 GMSK Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-05 10:42:59 UTC
From: <pyshack@...>
Topic: 9997 Message: 10964

Rob,
You were racing to put info on the thorcom 290 unit.
So can these be used ?
Has anyone used them ?
Seems like the thread just ended ?????

10965. Motorola GP320 as low power node radio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-06 06:42:41 UTC
From: <m0hbk@...>
Topic: 10965 Message: 10965

Hello,
I am building a low power node and was wondering if anyone has used a Motorola commercial portable radio like the GP320 or GP340 as a node radio?
Any comments and feedback are appreciated. Many thanks!
73,
m0hbk

10966. Re: Motorola GP320 as low power node radio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-06 14:19:04 UTC
From: <m1dns.gb3hb@...>
Topic: 10965 Message: 10966

Log back into the dvrptr V1 group, I answered the original question you posted on this topic there.

A.

10967. Re: Thorcom RLC290 GMSK Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-07 04:08:45 UTC
From: <w4mpq@...>
Topic: 9997 Message: 10967

nothing new from here.
bob

10968. RE: [gmsk_dv_node] Re: Thorcom RLC290 GMSK Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-07 16:16:25 UTC
From: <pyshack@...>
Topic: 9997 Message: 10968

Ok Bob,
Was interested as I have a 290 here with GPS , was going to use it on APRS a few years back but never got around to it.
Just found it again in a junk box.
Looked at the manual and see its good for 9600 .
As with all the modem boards there is no AMBE chip thats done by your Dstar radio .
Just have to tell the board what to do .
Maybe someone out there has written or modified the files for Thorcom maybe even to use some of the other units like Kam or pacomm units , it all seems the same stuff really if you can write to an eprom chip .

10969. Re: NEED HELP: ID 880H AND HOTSPOT

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-08 14:07:10 UTC
From: <dave.passons@...>
Topic: 8892 Message: 10969

I also am using a **) to connect to hotspot. You need to use both input and output as same freq, but need to have -dup in the program to function.. hope that helps.. everything else is the same.

10970. RE: [gmsk_dv_node] Re: NEED HELP: ID 880H AND HOTSPOT

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-08 14:29:23 UTC
From: Brad NK8J
Topic: 8892 Message: 10970
Attachments: 1 described; binary payloads are missing from this source WARC

Make sure your offset is at 0.000

Brad NK8J

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of dave.passons@...
Sent: Tuesday, April 08, 2014 7:07 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: NEED HELP: ID 880H AND HOTSPOT

I also am using a **) to connect to hotspot. You need to use both input and output as same freq, but need to have -dup in the program to function.. hope that helps.. everything else is the same.

<http://thirdpartyoffers.juno.com/TGL3156/?u=http://newsletter.adsonar.com/nwrss/iMapRedirector?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&pos=0&zw=500&zh=70&v=5&url=NA&uid=> Image removed by sender.

10971. DUP and RPT1/RPT2

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-09 01:39:57 UTC
From: J. M. Moen
Topic: 10971 Message: 10971

These recent posts refer to the fact that ICOM chose to not transmit the values programmed into RPT1 and RPT2 when the radio is in simplex mode, that is, when DUP+ or DUP- is not enabled.

Instead, the radio fills in “DIRECT” for both values. So if you don’t enable DUP, then you should configure your Hotspot application (DVAR Hotspot, WinDV, G4KLX’s GMSKRepeater or DStarRepeater, FreeStar, etc.) to not do RPT1 or RPT2 validation. The different programs use different terms for this, but the key is if your D-STAR radio is not in DUP mode, then don’t have the app check the value of RPT1 (and/or RPT2).

Some people prefer, as a kind of extra security check (to be sure if someone is going to use their simplex Hotspot, that they really intend to use it), to force all users to program their radios with DUP on, but with the offset frequency of zero. This will get your ICOM D-STAR radio to transmit the values in RPT1 and RPT2, even though both TX and RX frequencies are the same.

RPT1 and RPT2 should be set similar to how you would program to work an ICOM repeater – the hotspot node callsign with band module for RPT1, and the same callsign with a G band module for RPT2 – for example, if node callsign is W1ABC band module C, the RPT1 should be W1ABC..C and RPT2 should be W1ABC..G (dot means space), DUP should be on and offset should be zero.

Thanks to Dave and Brad for pointing that out.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of dave.passons@...
Sent: Tuesday, April 08, 2014 7:07 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: NEED HELP: ID 880H AND HOTSPOT
I also am using a **) to connect to hotspot. You need to use both input and output as same freq, but need to have -dup in the program to function.. hope that helps.. everything else is the same.

10972. Re: Enclosures for Star*Board Node Adapter

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-09 16:42:32 UTC
From: <n4ijs.rk@...>
Topic: 9610 Message: 10972

Good afternoon,

I recently purchased and setup this board and am looking for a nice enclosure for it. I have a Radio Shack project box, which works OK, but is not quite what I was looking for. Ideally, I would like to use one that is clear plastic, that will accept the board and secure it, and allow for the connections going to it (I can always curt those out, but I would like one that already had holes in the general right place) and allow for holes to adjust the various pots.

I saw this thread and one of the boxes looks like it might work (http://www.tapplastics.com/product/plastics/finished_products/ballot_box/229 - FT38), but it costs more to ship it then to purchase it, which I just balk at in principle! ;)

Does anyone know of a clear, plastic box that would work for this board? What have you used?

Thank you in advance and 73,
Robert - N4IJS

10973. Re: DUP and RPT1/RPT2

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-09 17:00:35 UTC
From: <john@...>
Topic: 10971 Message: 10973

It's more than Icom not using RPT1/RPT2 in simplex. It's part of the specification and code that ignores it, is breaking the specification. There is a bit in the header that says this data is to be repeated, that is what is getting set when you put it in DUP. A 'hotspot' is an animal that was not thought of during the protocol spec, basically it's a half-duplex repeater between the air interface (RF) and network -- and as such it should look like a repeater both to the user radio (RF) and the network.

Developers have made this work around for users, but users should learn about the protocol and set their radios properly. :)

As evidence of this, the ID-1 using DD mode to talk to a RP2D is set to RPS (Repeat Simplex) to activate the bit and RPT1/RPT2.

10974. RE: [gmsk_dv_node] Re: DUP and RPT1/RPT2

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-09 17:06:35 UTC
From: Fred PA4YBR
Topic: 10971 Message: 10974

John,

I challenge you to explain this to users by the 1000s.

Technically speaking, reflectors are not part of the specification either, and we
ended up using them. D-STAR has changed a lot from how it was originally intended, mostly for the good, and this includes the use of simplex hotspots.

Rather than trying to educate 1000s of users on how to follow the spec (which
is 13 years old...) it's much more effective to just accept the Icom behavior as
a de-factor supplement to that specification, and deal with it in software.

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of john@...
Sent: Wednesday, April 09, 2014 7:01 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: DUP and RPT1/RPT2

It's more than Icom not using RPT1/RPT2 in simplex. It's part of the specification and code that ignores it, is breaking the specification. There is a bit in the header that says this data is to be repeated, that is what is getting set when you put it in DUP. A 'hotspot' is an animal that was not thought of during the protocol spec, basically it's a half-duplex repeater between the air interface (RF) and network -- and as such it should look like a repeater both to the user radio (RF) and the network.

Developers have made this work around for users, but users should learn about the protocol and set their radios properly. :)

As evidence of this, the ID-1 using DD mode to talk to a RP2D is set to RPS (Repeat Simplex) to activate the bit and RPT1/RPT2.

10975. Re: [gmsk_dv_node] Re: DUP and RPT1/RPT2

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-09 17:32:22 UTC
From: Matthew Pitts
Topic: 10971 Message: 10975

John,

Isn't having something in RPT1/RPT2 what is supposed to set that bit?

Matthew Pitts
N8OHU

On April 9, 2014 1:00:35 PM AST, john@... wrote:
>It's more than Icom not using RPT1/RPT2 in simplex. It's part of the
>specification and code that ignores it, is breaking the specification.
>There is a bit in the header that says this data is to be repeated,
>that is what is getting set when you put it in DUP. A 'hotspot' is an
>animal that was not thought of during the protocol spec, basically it's
>a half-duplex repeater between the air interface (RF) and network --
>and as such it should look like a repeater both to the user radio (RF)
>and the network.
>
>Developers have made this work around for users, but users should learn
>about the protocol and set their radios properly. :)
>
>
>As evidence of this, the ID-1 using DD mode to talk to a RP2D is set to
>RPS (Repeat Simplex) to activate the bit and RPT1/RPT2.

--
Sent from my Android device with K-9 Mail. Please excuse my brevity.

10976. Re: [gmsk_dv_node] Re: DUP and RPT1/RPT2

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-09 18:04:18 UTC
From: Matthew Pitts
Topic: 10971 Message: 10976

Oops, it the URCall wig something other than CQCQCQ.

Matthew Pitts
N8OHU

On April 9, 2014 1:32:22 PM AST, Matthew Pitts <daywalker_blade_2004@yahoo.com> wrote:
>John,
>
>Isn't having something in RPT1/RPT2 what is supposed to set that bit?
>
>Matthew Pitts
>N8OHU
>
>On April 9, 2014 1:00:35 PM AST, john@... wrote:
>>It's more than Icom not using RPT1/RPT2 in simplex. It's part of the
>>specification and code that ignores it, is breaking the specification.
>
>>There is a bit in the header that says this data is to be repeated,
>>that is what is getting set when you put it in DUP. A 'hotspot' is an
>>animal that was not thought of during the protocol spec, basically
>it's
>>a half-duplex repeater between the air interface (RF) and network --
>>and as such it should look like a repeater both to the user radio (RF)
>>and the network.
>>
>>Developers have made this work around for users, but users should
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>>about the protocol and set their radios properly. :)
>>
>>
>>As evidence of this, the ID-1 using DD mode to talk to a RP2D is set
>to
>>RPS (Repeat Simplex) to activate the bit and RPT1/RPT2.
>
>--
>Sent from my Android device with K-9 Mail. Please excuse my brevity.

--
Sent from my Android device with K-9 Mail. Please excuse my brevity.

10977. Re: [gmsk_dv_node] Re: Enclosures for Star*Board Node Adapter

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-09 21:38:48 UTC
From: Bill
Topic: 9610 Message: 10977
Attachments: 1 described; binary payloads are missing from this source WARC

What have you used? Made from scrap pieces of acrylic found at the hardware store.

10978. Re: [gmsk_dv_node] Re: Enclosures for Star*Board Node Adapter [1 Attachment]

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-09 22:28:59 UTC
From: Mike Penkas
Topic: 9610 Message: 10978
Attachments: 1 described; binary payloads are missing from this source WARC

Same thing I was going to suggest.
I used LEXAN instead of acrylic. It is easier to work and cut. I
bought it at Menards--small pieces which are precut for window replacement.
I cut identical pieces for the top and bottom. I bought 4- 1/4 inch and
4- 1/2 inch nylon spacer for #4 hardware and a 4- 1 1/4 inch #4
screws and nuts and sandwiched them together per the picture. Drilled 3
holes for pot adjustments. Bought the spacers at Ace Hardware
in their small specialty parts bins.
Mike WA8EBM

10979. Re: [gmsk_dv_node] Re: Enclosures for Star*Board Node Adapter [1 Attachment]

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-10 01:27:17 UTC
From: <n4ijs.rk@...>
Topic: 9610 Message: 10979

Good evening,

Bill and Mike - great looking enclosures! I hadn't even thought of that. I am using one of the smaller Radio Shack project boxes. I trimmed some of the front away to allow for connections, etc., but it doesn't quite fit right and doesn't have that "professional" look to it.

This is a really good option. I will have to check that out and see what I can do with that.

Thank you for your comments and 73,
Robert - N4IJS

10980. Re: gmsk_dv_node

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-10 13:00:35 UTC
From: <randy2@...>
Topic: 9610 Message: 10980
Attachments: 2 described; binary payloads are missing from this source WARC

I have several of these die-cast aluminum enclosures that will fit the board. One side of the enclosure will need to have an opening for the cables. I used a hacksaw, cut two small slots and broke out the remaining tab between the slots with pliers. Crude but effective. Here's a couple more pictures of the enclosure in use.
http://wb0vhb.com/Dstar.html http://wb0vhb.com/Dstar.html

$ 15.00 includes Priority mail shipping. Two enclosures will fit in the same flat rate box so $ 25.00 for two enclosures.

Randy WB0VHB
randy2 at farmtel dot net

10981. Re: Enclosures for Star*Board Node Adapter

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-10 17:17:26 UTC
From: <ka8jmw@...>
Topic: 9610 Message: 10981
Attachments: 2 described; binary payloads are missing from this source WARC

With very little effort a Altoids tin works great.

73,
Ed, KA8JMW

10982. Re: Enclosures for Star*Board Node Adapter

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-10 20:59:50 UTC
From: Jerry waldock
Topic: 9610 Message: 10982

I purchased I nice little box from eBay which worked perfect for my Star Board.

HAMMOND 1591BTBU TRANSLUCENT BLUE ENCLOSURE.

http://www.ebay.com/itm/1591CTBU-Hammond-Blue-plastic-enclosure-new-/370301857706?pt=LH_DefaultDomain_0
<http://www.ebay.com/itm/1591CTBU-Hammond-Blue-plastic-enclosure-new-/370301857706?pt=LH_DefaultDomain_0&hash=item5637b5efaa> &hash=item5637b5efaa

Jerry - K9UKJ

10984. Anyone know what this message means?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-11 23:22:56 UTC
From: <pyshack@...>
Topic: 10984 Message: 10984

I got this message a few times after changing settings in my Pi :
_wx__151Tn_1TnSa1Tut any ideas?

10985. RE: [gmsk_dv_node] Anyone know what this message means?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-11 23:50:27 UTC
From: Jay
Topic: 10984 Message: 10985

I get the same message sometimes.

Jay n2gq

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of pyshack@...
Sent: Friday, April 11, 2014 7:23 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Anyone know what this message means?

I got this message a few times after changing settings in my Pi :
_wx__151Tn_1TnSa1Tut any ideas?

10986. RE: [gmsk_dv_node] Anyone know what this message means?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-12 00:38:13 UTC
From: chris
Topic: 10984 Message: 10986

it's a glitch in the matrix... Be cautious they are watching...

Jay <n2kpk@verizon.net> wrote:

>I get the same message sometimes.
>
>Jay n2gq
>
>
>
>From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On
>Behalf Of pyshack@yahoo.co.uk
>Sent: Friday, April 11, 2014 7:23 PM
>To: gmsk_dv_node@yahoogroups.com
>Subject: [gmsk_dv_node] Anyone know what this message means?
>
>
>
>
>
>I got this message a few times after changing settings in my Pi :
>_wx__151Tn_1TnSa1Tut any ideas?
>
>
>

10987. RE: [gmsk_dv_node] Anyone know what this message means?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-12 00:55:44 UTC
From: Jay
Topic: 10984 Message: 10987
Attachments: 2 described; binary payloads are missing from this source WARC

Cool.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of chris
Sent: Friday, April 11, 2014 8:38 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Anyone know what this message means?

it's a glitch in the matrix... Be cautious they are watching...

Jay <n2kpk@...> wrote:

I get the same message sometimes.

Jay n2gq

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of pyshack@...
Sent: Friday, April 11, 2014 7:23 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Anyone know what this message means?

I got this message a few times after changing settings in my Pi :
_wx__151Tn_1TnSa1Tut any ideas?

10988. gmsk+cubieboard

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-17 13:20:51 UTC
From: <terryhabegger@...>
Topic: 10988 Message: 10988

Hello All,
I am rather new to running a "Hot-Spot"
I am using Jim's Star-board with Raspberry Pi model B and G4KLX software.
All is well with that set-up, I'm able to do all the usual D-Star stuff.
But not being able to let it go at that I purchased a Cubieboard - said to
be Raspberry Pi on steroids.
So does anyone know or has anyone been successful in running the
gmsk_dv_node on the cubieboard and if so what software was used?

10989. tx pot at full

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-17 21:07:28 UTC
From: <fozzyone@...>
Topic: 10989 Message: 10989

Hi All

I have set my dutch star board onto a Motorola GM300 all is working but the tx vol pot has to be at full adjustment to get a reasonably stable receive from the dstar radio.
I do not get any of the 3 yellow lights coming on while receiving

is there any adjustment on the gm300 or anything else i can do on the gmsk board.

cheers
Paul

10990. Re: gmsk+cubieboard

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-18 11:24:08 UTC
From: <m1dns.gb3hb@...>
Topic: 10988 Message: 10990

Terry ?

Depending on what OS it runs, a quick Google on this shows me Debian & fedora as options. I know there are install scripts for both the above, to give klx software. I don't own a board, so can't say for certain.. Search Dl5di install scripts for Debian, and Vk4tux for fedora, and see how you go.

A.

10991. Re: Enclosures for Star*Board Node Adapter

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-18 12:38:37 UTC
From: <n4ijs.rk@...>
Topic: 9610 Message: 10991

Thank you, everyone, for your ideas and thoughts for enclosures. I ended up trying a few things and finalized on a sewing kit type container from a local craft store. A little work with a Dremel and nice, clear plastic enclosure for about $1.50!

Thank you again and 73,
Robert - N4IJS

10992. Re: gmsk+cubieboard

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-18 14:50:34 UTC
From: <terryhabegger@...>
Topic: 10988 Message: 10992

Ok,
Thanks for the info. I will give that a try, I'm learning Linux on the fly so to speak.
I am currently running a derivative of Debian called Cubian obtained from cubieboard.org
again thank you for responding to my post.
73, Terry de w8uy

10993. RE: [gmsk_dv_node] Anyone know what this message means?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-18 21:52:48 UTC
From: <pyshack@...>
Topic: 10984 Message: 10993

Cool message .
But now Iv'e got my Dutchstar board with my rasberry Pi all sorted 100% even remote switching with my smarthone .
Thanks for all the help from Jim .

10994. Thanks JIm for the help earlier this year with my Dutchstar board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-18 22:06:33 UTC
From: <pyshack@...>
Topic: 10994 Message: 10994

Jim ,(K6JM)
Thanks for all the help.
I did say I would give an update .
I have the Raspberry Pi working just fine with my home built Dutchstar board .
Also I make changes to the reflectors etc with my smart phone .
I have the board connected to my Kenwood TM-v7 at the moment and have had it also working on the FT-2600 and my ft-817 .
Had to change a resistor in the modem level out so as to get adjustable level range extended .
Next project .....? well first buy another Dutchstar kit, build it and run another hotspot portable.
Easy when you know how lol .
A lot of head banging , a steep learning curve but full on satisfaction .
Good knowing you have not had a plug and play unit , putting some brain power into solving a problem .
Thanks again.
M0ZOL Zoli , Plymouth UK .

10995. Re: tx pot at full

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-18 22:12:13 UTC
From: <pyshack@...>
Topic: 10989 Message: 10995

Paul ,
You will have to change the value of the resitor in the output of the modem, so as to get more adjustment in the TX pot .
Hope this helps .
M0ZOL Zoli.

10996. Please help choosing a board to build hot spot with PI using ft8900 radio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-19 01:30:20 UTC
From: <mikekuhl63@...>
Topic: 10996 Message: 10996

Hi,
I am new to this and was wanting to build a hot spot with a Raspberry PI and node adapter. I do not know what board to choose and want to use what has been working well with good support and instructions. I would like some ideas and guidance please.
Mike AC0YV
73

10997. RE: [gmsk_dv_node] Please help choosing a board to build hot spot with PI using ft8900 radio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-19 03:56:43 UTC
From: Brad NK8J
Topic: 10996 Message: 10997
Attachments: 1 described; binary payloads are missing from this source WARC

MoenComm StarBoard. It will work just Fine with your Ft-8900. I use one on my FT-8100 without any problems.

The board just plugs into your 6 pin Data port on the back and all you have to do is set your radio to a frequency and turn on the 9600 BPS data in the radio and your set.

Brad NK8J

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of mikekuhl63@...
Sent: Friday, April 18, 2014 6:30 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Please help choosing a board to build hot spot with PI using ft8900 radio

Hi,

I am new to this and was wanting to build a hot spot with a Raspberry PI and node adapter. I do not know what board to choose and want to use what has been working well with good support and instructions. I would like some ideas and guidance please.

Mike AC0YV

73

<http://thirdpartyoffers.juno.com/TGL3156/?u=http://newsletter.adsonar.com/nwrss/iMapRedirector?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&pos=0&zw=500&zh=70&v=5&url=NA&uid=> Image removed by sender.

10998. Re: tx pot at full

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-19 09:44:21 UTC
From: <fozzyone@...>
Topic: 10989 Message: 10998

Hi Zoli. I worded my post a bit wrong as receiving on the ic2820 of id880 while mobile is fine but receive at the motorola and node is intermittent but guess the same applies if I change the resistor on the input.

Cheers
Paul

10999. Re: [gmsk_dv_node] Please help choosing a board to build hot spot with PI using ft8900 radio [1 Attachment]

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-19 13:11:41 UTC
From: Fran Miele
Topic: 10996 Message: 10999
Attachments: 2 described; binary payloads are missing from this source WARC

DVRPTR,_v1 work better than any gasket I have used

On Friday, April 18, 2014, Brad NK8J <nk8j@...> wrote:

>
> [Attachment(s) <#14578210c0d9ed42_TopText> from Brad NK8J included below]
>
> MoenComm StarBoard. It will work just Fine with your Ft-8900. I use one on
> my FT-8100 without any problems.
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>
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>
> Brad NK8J
>
>
>
> *From:* gmsk_dv_node@yahoogroups.com<javascript:_e(%7B%7D,'cvml','gmsk_dv_node@yahoogrou
ps.com');>[mailto:
> gmsk_dv_node@yahoogroups.com<javascript:_e(%7B%7D,'cvml','gmsk_dv_node@yahoogroups.com')
;>]
> *On Behalf Of *mikekuhl63@hotmail.com<javascript:_e(%7B%7D,'cvml','mikekuhl63@...');>
> *Sent:* Friday, April 18, 2014 6:30 PM
> *To:*
gmsk_dv_node@yahoogroups.com<javascript:_e(%7B%7D,'cvml','gmsk_dv_node@yahoogroups.com');>
> *Subject:* [gmsk_dv_node] Please help choosing a board to build hot spot
> with PI using ft8900 radio
>
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> some ideas and guidance please.

>
> Mike AC0YV
>
> 73
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> _____
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=500&zh=70&v=5&url=NA&uid=>[image:
> Image removed by sender.]
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>
>

--
Sent from my Apple device
--Fran

IMPORTANT: The contents of this email and any attachments are confidential.
They are intended for the named recipient(s) only. If you have received
this email by mistake, please notify the sender immediately and do not
disclose the contents to anyone or make copies thereof.

11000. Beta firmware in order to run the Moen board on a Pi with G4KLX software.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-20 07:52:33 UTC
From: <jmsrandazzo@...>
Topic: 11000 Message: 11000

can someone send be the beta firmware to run the moen brd so i get on the g4klx i cant do anything with out it thanks

11001. Re: Beta firmware in order to run the Moen board on a Pi with G4KLX software.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-20 10:52:34 UTC
From: <m1dns.gb3hb@...>
Topic: 11000 Message: 11001

Contact Fred at dutchstar.... He will set you up with the beta f/ware. www.Dutch-star.eu A

11002. Re: Beta firmware in order to run the Moen board on a Pi with G4KLX soft

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-20 18:17:00 UTC
From: John Hays
Topic: 11002 Message: 11002

Yes Fred can.

Sent from my iPhone

11003. Re: [gmsk_dv_node] Please help choosing a board to build hot spot with PI using ft8900 radio [1 Attachment]

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-22 00:26:46 UTC
From: <mikekuhl63@...>
Topic: 10996 Message: 11003

Thank you I will look that one up.

11004. Visit Hamvention, Dayton

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-22 20:20:06 UTC
From: <guusvandooren@...>
Topic: 11004 Message: 11004

Today I received my flight confirmation which means that is will visit Hamvention in Dayton this year. I'll be happy to show the DVMEGA project to anyone that want to hear about. Of course I carry some samples with me. I do not have a boot but I'm sure there will be some space left to sit together. The Friday Night D-Star is penciled in my agenda so maybe I meet some of you there.

Guus,
PE1PLM
www.dvmega.auria.nl

11005. RE: [gmsk_dv_node] Thanks JIm for the help earlier this year with my Dutchstar board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-24 02:53:49 UTC
From: J. M. Moen
Topic: 10994 Message: 11005

Zoli,

Excellent news. I’m glad things are working and you are having fun. All of us here on this group get value when we can help others go through that learning curve. Maybe you will be the one to help me next time. Things are always changing and improving….

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@...m] On Behalf Of pyshack@...
Sent: Friday, April 18, 2014 3:07 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Thanks JIm for the help earlier this year with my Dutchstar board
Jim ,(K6JM)
Thanks for all the help.
I did say I would give an update .
I have the Raspberry Pi working just fine with my home built Dutchstar board .
Also I make changes to the reflectors etc with my smart phone .
I have the board connected to my Kenwood TM-v7 at the moment and have had it also working on the FT-2600 and my ft-817 .
Had to change a resistor in the modem level out so as to get adjustable level range extended .
Next project .....? well first buy another Dutchstar kit, build it and run another hotspot portable.
Easy when you know how lol .
A lot of head banging , a steep learning curve but full on satisfaction .
Good knowing you have not had a plug and play unit , putting some brain power into solving a problem .
Thanks again.
M0ZOL Zoli , Plymouth UK .

11006. RE: [gmsk_dv_node] Please help choosing a board to build hot spot with PI using ft8900 radio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-24 03:00:06 UTC
From: J. M. Moen
Topic: 10996 Message: 11006

Mike,

The good news is you have several excellent choices. Don’t forget the DUTCH*Star boards also. Check out my info page at http://www.k6jm.com/hs-setup.htm where I list several sources of GMSK Modems. And we’ll be happy to help you here on this group as questions come up.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of mikekuhl63@...
Sent: Friday, April 18, 2014 6:30 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Please help choosing a board to build hot spot with PI using ft8900 radio
Hi,
I am new to this and was wanting to build a hot spot with a Raspberry PI and node adapter. I do not know what board to choose and want to use what has been working well with good support and instructions. I would like some ideas and guidance please.
Mike AC0YV
73

11007. need new firmware

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-24 06:47:48 UTC
From: <sgibbs1@...>
Topic: 11007 Message: 11007

hey ya

i been working on the beta firmware since last yr , and it keeps freezing tx on GET_info

and i see on the dutchstar site that theres some new versions released

i have emailed through the dutchstar site for this new version tobe sent to me
but i havnt heard nothing

cheers

steve
2e0sgg

11008. DVAR Hotspot Repeater ID and connectivity info not shown

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-25 12:49:03 UTC
From: Mark Eldridge
Topic: 11008 Message: 11008

I have put together a dstar repeater with the star board.....2 Motorola GM300's and am running the DVAR Hotspot program. My problem is that I cannot get the software to ID the repeater and when using a dstar radio to access the repeater it does not show connectivity status or much of any other text messages on the screen. Some messages will show from other users....but never anything that shows the repeater ID or connectivity status to any reflectors or anywhere else. I have re-installed another version of the DAVR software to see if it was a bad install or something with no luck. Any suggestions?

11009. RE: [gmsk_dv_node] DVAR Hotspot Repeater ID and connectivity info not shown

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-25 13:53:10 UTC
From: Brad NK8J
Topic: 11008 Message: 11009
Attachments: 5 described; binary payloads are missing from this source WARC

What callsign are you using on this repeater? You must run a club callsign on a Dstar Repeater Configuration so you are able to pass information correctly. You might try switching to Jonathon Naylor’s DSTAR Repeater program with IRCDDB Gateway Software. Just make sure to get the beta Firmware update from Fred PA4YBR.

Brad NK8J

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Mark Eldridge
Sent: Friday, April 25, 2014 5:49 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] DVAR Hotspot Repeater ID and connectivity info not shown

I have put together a dstar repeater with the star board.....2 Motorola GM300's and am running the DVAR Hotspot program. My problem is that I cannot get the software to ID the repeater and when using a dstar radio to access the repeater it does not show connectivity status or much of any other text messages on the screen. Some messages will show from other users....but never anything that shows the repeater ID or connectivity status to any reflectors or anywhere else. I have re-installed another version of the DAVR software to see if it was a bad install or something with no luck. Any suggestions?

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11010. RE: [gmsk_dv_node] DVAR Hotspot Repeater ID and connectivity info not shown

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-25 13:55:20 UTC
From: Mark Eldridge
Topic: 11008 Message: 11010
Attachments: 2 described; binary payloads are missing from this source WARC

I have a club call sign of KD8YCF.....registered with the gateway
On Apr 25, 2014 9:53 AM, "Brad NK8J" <nk8j@...> wrote:

>
>
> What callsign are you using on this repeater? You must run a club callsign
> on a Dstar Repeater Configuration so you are able to pass information
> correctly. You might try switching to Jonathon Naylor’s DSTAR Repeater
> program with IRCDDB Gateway Software. Just make sure to get the beta
> Firmware update from Fred PA4YBR.
>
>
>
> Brad NK8J
>
>
>
> *From:* gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
> *On Behalf Of *Mark Eldridge
> *Sent:* Friday, April 25, 2014 5:49 AM
> *To:* gmsk_dv_node@yahoogroups.com
> *Subject:* [gmsk_dv_node] DVAR Hotspot Repeater ID and connectivity info
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>
>

11011. RE: [gmsk_dv_node] DVAR Hotspot Repeater ID and connectivity info not shown

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-25 19:54:13 UTC
From: Brad NK8J
Topic: 11008 Message: 11011
Attachments: 1 described; binary payloads are missing from this source WARC

Get a hold of Fred Pa4YBR and get the beta firmware for your GMSK and then set up DstarRepeater with IRCDDBgateway and you will be set.

Make sure you registered it on the IRCDDB first before the UStrust servers

Brad NK8J

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Mark Eldridge
Sent: Friday, April 25, 2014 6:55 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] DVAR Hotspot Repeater ID and connectivity info not shown

I have a club call sign of KD8YCF.......registered with the gateway

On Apr 25, 2014 9:53 AM, "Brad NK8J" <nk8j@...> wrote:

What callsign are you using on this repeater? You must run a club callsign on a Dstar Repeater Configuration so you are able to pass information correctly. You might try switching to Jonathon Naylor’s DSTAR Repeater program with IRCDDB Gateway Software. Just make sure to get the beta Firmware update from Fred PA4YBR.

Brad NK8J

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Mark Eldridge
Sent: Friday, April 25, 2014 5:49 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] DVAR Hotspot Repeater ID and connectivity info not shown

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11012. Software AMBE?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-26 09:28:49 UTC
From: Gary Lindtner
Topic: 11012 Message: 11012

I don't remember anyone posting this yet, but this year's Dayton TAPR presentation has one forum that really caught my eye, too bad I can't attend (for the first time in 15 years):

Friday May, 16th

10:45-11:15

AMBE Exposed!, FreeDV & Codec2

Bruce Perens, K6BP

AMBE has been reverse-engineered, leading to a D-STAR receive application that works without a DV-Dongle!

The developers would like to remain unnamed for now due to intellectual property reasons, but Bruce has their number.

Bruce will discuss the technology, the potential for a single unit that could talk with all of D-STAR, Yaesu System Fusion, and a Codec2 based system, and what you can do with the software today. One of the largest concerns is when AMBE emulating software will become legal in the U.S. due to patent expiration, and Bruce will give a short explanation of what we know about that.

Gary

KB2BSL

11013. Re: Please help choosing a board to build hot spot with PI using ft8900 radio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-26 15:49:11 UTC
From: <mikekuhl63@...>
Topic: 10996 Message: 11013

Jim,
Thank you for replying to my post I will look at your link and start getting parts together. I will try to keep things updated here on my progress. Thanks again,
Mike

11014. RE: [gmsk_dv_node] DVAR Hotspot Repeater ID and connectivity info not shown [1 Attachment]

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-26 15:50:15 UTC
From: Mark Eldridge
Topic: 11008 Message: 11014
Attachments: 4 described; binary payloads are missing from this source WARC

Thanks for the info
On Apr 25, 2014 3:55 PM, "Brad NK8J" <nk8j@...> wrote:

>
> [Attachment(s) <#1459a74f98cee392_TopText> from Brad NK8J included below]
>
> Get a hold of Fred Pa4YBR and get the beta firmware for your GMSK and then
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> *Sent:* Friday, April 25, 2014 6:55 AM
> *To:* gmsk_dv_node@yahoogroups.com
> *Subject:* RE: [gmsk_dv_node] DVAR Hotspot Repeater ID and connectivity
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> *On Behalf Of *Mark Eldridge
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irector?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&pos=0&zw
=500&zh=70&v=5&url=NA&uid=>[image:
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11015. Re: [gmsk_dv_node] Re: Please help choosing a board to build hot spot with PI using ft8900 radio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-26 22:13:44 UTC
From: Laurence Mathews (zl1icu)
Topic: 10996 Message: 11015

Have a look at the Hitoshi V7 board I have had no problems getting his boards to work, Don't listen to stories about him, he is easy to deal with and is the original inventor of the GMSK board. Just google dstar asia

Laurence ZL1ICU

From: "mikekuhl63@..." <mikekuhl63@...>
To: gmsk_dv_node@yahoogroups.com
Sent: Sunday, 27 April 2014 3:49 AM
Subject: [gmsk_dv_node] Re: Please help choosing a board to build hot spot with PI using ft8900 radio

Jim,Thank you for replying to my post I will look at your link and start getting parts together. I will try to keep things updated here on my progress.
Thanks again,
Mike

Reply via web post Reply to sender Reply to group Start a New Topic Messages in this topic (6)
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__,_._,___

11016. Re: [gmsk_dv_node] Re: Please help choosing a board to build hot spot with PI using ft8900 radio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-26 22:27:00 UTC
From: Laurence Mathews (zl1icu)
Topic: 10996 Message: 11016

Sorry noted typo in my last email .Name should be Satoshi
Laurence ZL1ICU

From: Laurence Mathews (zl1icu) <squirrels@...>
To: "gmsk_dv_node@yahoogroups.com" <gmsk_dv_node@yahoogroups.com>
Sent: Sunday, 27 April 2014 10:13 AM
Subject: Re: [gmsk_dv_node] Re: Please help choosing a board to build hot spot with PI using ft8900 radio

Have a look at the Hitoshi V7 board I have had no problems getting his boards to work, Don't listen to stories about him, he is easy to deal with and is the original inventor of the GMSK board. Just google dstar asia

Laurence ZL1ICU

From: "mikekuhl63@..." <mikekuhl63@...>
To: gmsk_dv_node@yahoogroups.com
Sent: Sunday, 27 April 2014 3:49 AM
Subject: [gmsk_dv_node] Re: Please help choosing a board to build hot spot with PI using ft8900 radio

Jim,Thank you for replying to my post I will look at your link and start getting parts together. I will try to keep things updated here on my progress.
Thanks again,
Mike

11017. Re: [gmsk_dv_node] Re: Please help choosing a board to build hot spot with PI using ft8900 radio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-27 03:48:04 UTC
From: Mark Elliot
Topic: 10996 Message: 11017

hello laurence
this is mark elliot N8WZW in cincinnati i cant find

Hitoshi V7 board on the web would you send me the web site link to me

u can call me to at 513-345-0579

thank you for mark

On Saturday, April 26, 2014 6:13 PM, Laurence Mathews (zl1icu) <squirrels@...> wrote:

Have a look at the Hitoshi V7 board I have had no problems getting his boards to work, Don't listen to stories about him, he is easy to deal with and is the original inventor of the GMSK board. Just google dstar asia

Laurence ZL1ICU

From: "mikekuhl63@..." <mikekuhl63@...>
To: gmsk_dv_node@yahoogroups.com
Sent: Sunday, 27 April 2014 3:49 AM
Subject: [gmsk_dv_node] Re: Please help choosing a board to build hot spot with PI using ft8900 radio

Jim,Thank you for replying to my post I will look at your link and start getting parts together. I will try to keep things updated here on my progress.
Thanks again,
Mike

11018. Re: [gmsk_dv_node] Re: Please help choosing a board to build hot spot with PI using ft8900 radio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-27 04:00:06 UTC
From: David Webb
Topic: 10996 Message: 11018

Mark,

It's Satoshi. http://www.d-star.asia/index.html.en

Dave-KB1PVH
On Saturday, April 26, 2014 11:48 PM, Mark Elliot <markelliot31@...> wrote:

hello laurence
this is mark elliot N8WZW in cincinnati i cant find

Hitoshi V7 board on the web would you send me the web site link to me

u can call me to at 513-345-0579

thank you for mark

On Saturday, April 26, 2014 6:13 PM, Laurence Mathews (zl1icu) <squirrels@...> wrote:

Have a look at the Hitoshi V7 board I have had no problems getting his boards to work, Don't listen to stories about him, he is easy to deal with and is the original inventor of the GMSK board. Just google dstar asia

Laurence ZL1ICU

From: "mikekuhl63@..." <mikekuhl63@...>
To: gmsk_dv_node@yahoogroups.com
Sent: Sunday, 27 April 2014 3:49 AM
Subject: [gmsk_dv_node] Re: Please help choosing a board to build hot spot with PI using ft8900 radio

Jim,Thank you for replying to my post I will look at your link and start getting parts together. I will try to keep things updated here on my progress.
Thanks again,
Mike

11019. Re: [gmsk_dv_node] Re: Please help choosing a board to build hot spot with PI using ft8900 radio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-27 04:24:27 UTC
From: Mark Elliot
Topic: 10996 Message: 11019

thank you dave

On Sunday, April 27, 2014 12:00 AM, David Webb <kb1pvh@yahoo.com> wrote:

Mark,

It's Satoshi. http://www.d-star.asia/index.html.en

Dave-KB1PVH
On Saturday, April 26, 2014 11:48 PM, Mark Elliot <markelliot31@...> wrote:

hello laurence
this is mark elliot N8WZW in cincinnati i cant find

Hitoshi V7 board on the web would you send me the web site link to me

u can call me to at 513-345-0579

thank you for mark

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Have a look at the Hitoshi V7 board I have had no problems getting his boards to work, Don't listen to stories about him, he is easy to deal with and is the original inventor of the GMSK board. Just google dstar asia

Laurence ZL1ICU

From: "mikekuhl63@..." <mikekuhl63@...>
To: gmsk_dv_node@yahoogroups.com
Sent: Sunday, 27 April 2014 3:49 AM
Subject: [gmsk_dv_node] Re: Please help choosing a board to build hot spot with PI using ft8900 radio

Jim,Thank you for replying to my post I will look at your link and start getting parts together. I will try to keep things updated here on my progress.
Thanks again,
Mike

11020. Re: [gmsk_dv_node] Re: Please help choosing a board to build hot spot with PI using ft8900 radio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-27 05:34:40 UTC
From: Laurence Mathews (zl1icu)
Topic: 10996 Message: 11020

Sorry typo on my part, its Satoshi. He was part of the team that developed D-STAR.
www.dstarasia

_____
From: Mark Elliot <markelliot31@...>
To: "gmsk_dv_node@yahoogroups.com" <gmsk_dv_node@yahoogroups.com>
Sent: Sunday, 27 April 2014 3:48 PM
Subject: Re: [gmsk_dv_node] Re: Please help choosing a board to build hot spot with PI using ft8900 radio

hello laurence
this is mark elliot N8WZW in cincinnati i cant find

Hitoshi V7 board on the web would you send me the web site link to me

u can call me to at 513-345-0579

thank you for mark

On Saturday, April 26, 2014 6:13 PM, Laurence Mathews (zl1icu) <squirrels@xtra.co.nz> wrote:

Have a look at the Hitoshi V7 board I have had no problems getting his boards to work, Don't listen to stories about him, he is easy to deal with and is the original inventor of the GMSK board. Just google dstar asia

Laurence ZL1ICU

_____
From: "mikekuhl63@..." <mikekuhl63@...>
To: gmsk_dv_node@yahoogroups.com
Sent: Sunday, 27 April 2014 3:49 AM
Subject: [gmsk_dv_node] Re: Please help choosing a board to build hot spot with PI using ft8900 radio

Jim,Thank you for replying to my post I will look at your link and start getting parts together. I will try to keep things updated here on my progress.
Thanks again,
Mike

__.,_.._____
Reply via web post Reply to sender Reply to group Start a New Topic Messages in this topic (9)
Questions? Check out our Frequently Asked Questions: http://www.gmskdvnode.info/
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.

11021. Re: Enclosures for Star*Board Node Adapter

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-28 21:57:24 UTC
From: <jerry@...>
Topic: 9610 Message: 11021
Attachments: 2 described; binary payloads are missing from this source WARC

This is my box

K9UKJ

11022. RE: [gmsk_dv_node] Re: Enclosures for Star*Board Node Adapter [2 Attachments]

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-29 02:09:45 UTC
From: Brad NK8J
Topic: 9610 Message: 11022

Cool I just used a Plastic light switch box from the hardware store for my GMSK Star Board with a metal plate cover.

Brad NK8J

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of jerry@...
Sent: Monday, April 28, 2014 2:57 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Enclosures for Star*Board Node Adapter [2 Attachments]

[Attachment(s) from jerry@... included below]

This is my box

K9UKJ

_____
<http://thirdpartyoffers.juno.com/TGLI3156/?u=http://newsletter.adsonar.com/nwrss/imgs/nwr_1560786_36140222_379054_2070767_4_2.PNG?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&zw=500&zh=70&v=5&url=NA&uid=>

11023. RE: [gmsk_dv_node] Re: Enclosures for Star*Board Node Adapter [2 Attachments]

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-29 02:51:35 UTC
From: <kj6omw@...>
Topic: 9610 Message: 11023

I'm getting RF into the plastic box that's locking up the board. Anything over 50w VHF (on a totally different system) and I have to re-boot the board before going back to D-Star. I'm hoping one of the aluminum boxes will cure it.

11024. RE: [gmsk_dv_node] Re: Enclosures for Star*Board Node Adapter

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-29 06:54:32 UTC
From: Brad NK8J
Topic: 9610 Message: 11024

How close to the Radio or Repeater do you have the GMSK Star Board?

To close and it will do just that. Make sure to wrap your USB cable into a choke coil. Also use ferrite beads on the cable going to the radio or repeater.

Brad NK8J

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of kj6omw@...
Sent: Monday, April 28, 2014 7:52 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: Enclosures for Star*Board Node Adapter

I'm getting RF into the plastic box that's locking up the board. Anything over 50w VHF (on a totally different system) and I have to re-boot the board before going back to D-Star. I'm hoping one of the aluminum boxes will cure it.

<http://thirdpartyoffers.juno.com/TGLI3156/?u=http://newsletter.adsonar.com/nwrss/imgs/nwr_1560786_36140222_379054_2070767_4_2.PNG?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&zw=500&zh=70&v=5&url=NA&uid=>

11025. RE: [gmsk_dv_node] Re: Enclosures for Star*Board Node Adapter

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-29 11:14:15 UTC
From: khufford
Topic: 9610 Message: 11025

An Altos tin works great

Sent from my Smart Phone.

-------- Original message --------
From: kj6omw@gmail.com
Date:04/28/2014 22:51 (GMT-05:00)
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: Enclosures for Star*Board Node Adapter

I'm getting RF into the plastic box that's locking up the board. Anything over 50w VHF (on a totally different system) and I have to re-boot the board before going back to D-Star. I'm hoping one of the aluminum boxes will cure it.

11026. RE: [gmsk_dv_node] Re: Enclosures for Star*Board Node Adapter

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-29 15:29:25 UTC
From: <kj6omw@...>
Topic: 9610 Message: 11026

They're 6'-7' apart, which is about as far as they're going to get w/o re-inventing the wheel. I'll give the choke on the cable a try.

It actually took quite a while for this issue to turn up since I'm very rarely using more than low power. Playing around with it last night I noticed that varying levels of power cause varying levels of errors out of the board. 25w and I'd sometimes have errors in the outgoing message. 50w and I'd have no message. 300w and the board pretty much takes a nap. This is only on VHF by the way. The board is unaffected by HF or UHF.

Not a big deal. It could be months before I do more than 5w on VHF again. The short term duct tape approach was simply moving the USB connection from the back of the computer to the front. Worst case is I have to reach over and unplug/re-boot it.

Thanks for the input!

11027. RE: [gmsk_dv_node] Re: Enclosures for Star*Board Node Adapter

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-29 16:55:39 UTC
From: Brad NK8J
Topic: 9610 Message: 11027

Also check you coax shields. I had one go bad that sprayed rf everywhere

Brad NK8J

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of kj6omw@...
Sent: Tuesday, April 29, 2014 8:29 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: Enclosures for Star*Board Node Adapter

They're 6'-7' apart, which is about as far as they're going to get w/o re-inventing the wheel. I'll give the choke on the cable a try.

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Thanks for the input!

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<http://thirdpartyoffers.juno.com/TGLI3156/?u=http://newsletter.adsonar.com/nwrss/imgs/nwr_1560786_36140222_379054_2070767_4_2.PNG?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&zw=500&zh=70&v=5&url=NA&uid=>

11028. Gmsk, ircddbgw, and dstarepeater

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-30 11:02:56 UTC
From: <n2kpk@...>
Topic: 11028 Message: 11028

When I use dstarrepeater with ircddb it locks up in tx. With dstarrepeater alone it does not lock in tx.
I tried all mode such as simplex, gateway an duplex. I went as far back as 1-29-2014 .

Windwos 8.1
3-24-2014 dstarrepeater
Ircddbgw 3-26-2014
Dutchstar beta firmware with gmsk modem.

Jay n2gq

11029. Re: [gmsk_dv_node] Gmsk, ircddbgw, and dstarepeater

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-30 11:16:01 UTC
From: KC2IDB
Topic: 11028 Message: 11029

That is because you have no network traffic making the board do anything. All you have is clean local rf. In my experience, those boards or firmware cannot properly run with g4klx software. I have seen this same issue time and time again.

73
Ken
KC2IDB

On Apr 30, 2014 7:02 AM, n2kpk@verizon.net wrote:

When I use dstarrepeater with ircddb it locks up in tx. With dstarrepeater alone it does not lock in tx.
I tried all mode such as simplex, gateway an duplex. I went as far back as 1-29-2014 .

Windwos 8.1
3-24-2014 dstarrepeater
Ircddbgw 3-26-2014
Dutchstar beta firmware with gmsk modem.

Jay n2gq

11030. Re: [gmsk_dv_node] Gmsk, ircddbgw, and dstarepeater

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-30 12:29:55 UTC
From: Jay
Topic: 11028 Message: 11030

Hi Ken
How is it going? Yes it is a little unstable I think. Sometimes it will tx once unkey then lock in tx. But it definately happens when ircddb is on. I have not tried it on linux. Will give it try. Might even try it with BBB and see if it will see this modem.

Peace....
Jay

-------- Original message --------
From: KC2IDB <kc2idb@yahoo.com>
Date: 04/30/2014 7:16 AM (GMT-05:00)
To: n2kpk@verizon.net
Cc: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Gmsk, ircddbgw, and dstarepeater

That is because you have no network traffic making the board do anything. All you have is clean local rf. In my experience, those boards or firmware cannot properly run with g4klx software. I have seen this same issue time and time again.

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Windwos 8.1

3-24-2014 dstarrepeater

Ircddbgw 3-26-2014

Dutchstar beta firmware with gmsk modem.

Jay n2gq

11031. Dstar repeater with no Internet access

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-04-30 13:00:13 UTC
From: Angelo Glorioso
Topic: 11031 Message: 11031

Hi All,

We have a Dstar repeater that has been unable to get internet access. We are going to try and use a Starboard and WINDV to give the repeater access to the Dstar network.

I have never tried this myself, but can I get any suggestions, recommendations and tips to make this as streamless as possible.

73 de Angelo

11032. Re: [gmsk_dv_node] Gmsk, ircddbgw, and dstarepeater

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-01 12:22:44 UTC
From: <n2kpk@...>
Topic: 11028 Message: 11032

Got it going on raspberry pi and pidora. But I have a problem with BBB still not see the modems. Plugged into BBB and it transmitted once and stopped. BBB still not communicating with modems but I plug in keyboard and it works go figure. Like driver is not working.

Jay n2gq

11033. RE: [gmsk_dv_node] Gmsk, ircddbgw, and dstarepeater

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-01 12:37:22 UTC
From: Adrian
Topic: 11028 Message: 11033

The Ubuntu image on the BBB is superior to Debian for hardware support.

Adrian vk4tux

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of n2kpk@...
Sent: Thursday, 1 May 2014 10:23 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Gmsk, ircddbgw, and dstarepeater

Got it going on raspberry pi and pidora. But I have a problem with BBB still not see the modems. Plugged into BBB and it transmitted once and stopped. BBB still not communicating with modems but I plug in keyboard and it works go figure. Like driver is not working.

Jay n2gq

11034. RE: [gmsk_dv_node] Gmsk, ircddbgw, and dstarepeater

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-01 13:09:16 UTC
From: Jay
Topic: 11028 Message: 11034

Ok going to get some sdcards today and try it I can't seem to boot from the sdcard I had in raspi last week I must have ruined the card I used sd formatter. I can save to it read and write but won't boot from it used several different images.
I have question how can I update time on my raspi? Would like to learn.

Peace....
Jay

-------- Original message --------
From: Adrian <vk4tux@bigpond.com>
Date: 05/01/2014 8:37 AM (GMT-05:00)
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Gmsk, ircddbgw, and dstarepeater

The Ubuntu image on the BBB is superior to Debian for hardware support.

Adrian vk4tux

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of n2kpk@verizon.net
Sent: Thursday, 1 May 2014 10:23 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Gmsk, ircddbgw, and dstarepeater

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Jay n2gq

11035. RE: [gmsk_dv_node] Gmsk, ircddbgw, and dstarepeater

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-01 13:10:53 UTC
From: Jay
Topic: 11028 Message: 11035

How do I install that ubuntu image on emmc bbb. It only ran from card last time tried.

Peace....
Jay

-------- Original message --------
From: Adrian <vk4tux@bigpond.com>
Date: 05/01/2014 8:37 AM (GMT-05:00)
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Gmsk, ircddbgw, and dstarepeater

The Ubuntu image on the BBB is superior to Debian for hardware support.

Adrian vk4tux

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of n2kpk@verizon.net
Sent: Thursday, 1 May 2014 10:23 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Gmsk, ircddbgw, and dstarepeater

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Jay n2gq

11036. RE: [gmsk_dv_node] Gmsk, ircddbgw, and dstarepeater

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-01 13:35:22 UTC
From: Adrian
Topic: 11028 Message: 11036
Attachments: 3 described; binary payloads are missing from this source WARC

system-config-date

Use putty & xming together

Putty X Forwarding

Prerequisites

· <http://www.chiark.greenend.org.uk/~sgtatham/putty/> Putty for SSH

· <http://sourceforge.net/projects/xming/files/latest/download> Xming for the XServer

Configuring Putty

1. Enter host IP address for Rpi network connection, i.e: 127.0.0.1, 10.x.x.x. or 192.168.x.x etc

2. Check router/firewall open for port 22.

3. Switch Protocol to SSH

4. Type name of session in saved sessions

5. Click 'Save'

http://www.math.umn.edu/systems_guide/putty_xwin32/default_putty_rev-sm.png

6. Expand the 'SSH' tab from the 'Category' list

7. Choose 'X11' from 'SSH' list

8. Check 'Enable X11 Forwarding'

http://www.math.umn.edu/systems_guide/putty_xwin32/xfwd_putty_rev-sm.png

9. Choose 'Session' from 'Category' list

10. Click 'Save'

Starting the X Server on Windows

Configuring Xming

Just run "All Programs > Xming Xming" and it should work if you've got PuTTY configured.

Connecting

1. Start Xming

2. Start Putty

3. Double click on the saved session you want

http://www.math.umn.edu/systems_guide/putty_xwin32/session_putty_rev-sm.png

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jay
Sent: Thursday, 1 May 2014 11:09 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Gmsk, ircddbgw, and dstarepeater

Ok going to get some sdcards today and try it I can't seem to boot from the sdcard I had in raspi last week I must have ruined the card I used sd formatter. I can save to it read and write but won't boot from it used several different images.

I have question how can I update time on my raspi? Would like to learn.

Peace....
Jay

-------- Original message --------
From: Adrian <vk4tux@...>
Date: 05/01/2014 8:37 AM (GMT-05:00)
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Gmsk, ircddbgw, and dstarepeater

The Ubuntu image on the BBB is superior to Debian for hardware support.

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From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of n2kpk@...
Sent: Thursday, 1 May 2014 10:23 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Gmsk, ircddbgw, and dstarepeater

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Jay n2gq

11037. RE: [gmsk_dv_node] Gmsk, ircddbgw, and dstarepeater

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-01 13:48:17 UTC
From: Adrian
Topic: 11028 Message: 11037

Just use the base Ubuntu BBB image and built it up from opendv > apt-get,

Adrian … vk4tux

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jay
Sent: Thursday, 1 May 2014 11:11 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Gmsk, ircddbgw, and dstarepeater

How do I install that ubuntu image on emmc bbb. It only ran from card last time tried.

Peace....
Jay

-------- Original message --------
From: Adrian <vk4tux@...>
Date: 05/01/2014 8:37 AM (GMT-05:00)
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Gmsk, ircddbgw, and dstarepeater

The Ubuntu image on the BBB is superior to Debian for hardware support.

Adrian vk4tux

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of n2kpk@...
Sent: Thursday, 1 May 2014 10:23 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Gmsk, ircddbgw, and dstarepeater

Got it going on raspberry pi and pidora. But I have a problem with BBB still not see the modems. Plugged into BBB and it transmitted once and stopped. BBB still not communicating with modems but I plug in keyboard and it works go figure. Like driver is not working.

Jay n2gq

11038. RE: [gmsk_dv_node] Gmsk, ircddbgw, and dstarepeater

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-02 00:49:40 UTC
From: Jay
Topic: 11028 Message: 11038
Attachments: 5 described; binary payloads are missing from this source WARC

Thank you it worked

Jay

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Adrian
Sent: Thursday, May 1, 2014 9:35 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Gmsk, ircddbgw, and dstarepeater

system-config-date

Use putty & xming together

Putty X Forwarding

Prerequisites

· <http://www.chiark.greenend.org.uk/~sgtatham/putty/> Putty for SSH

· <http://sourceforge.net/projects/xming/files/latest/download> Xming for the XServer

Configuring Putty

1. Enter host IP address for Rpi network connection, i.e: 127.0.0.1, 10.x.x.x. or 192.168.x.x etc

2. Check router/firewall open for port 22.

3. Switch Protocol to SSH

4. Type name of session in saved sessions

5. Click 'Save'

http://www.math.umn.edu/systems_guide/putty_xwin32/default_putty_rev-sm.png

6. Expand the 'SSH' tab from the 'Category' list

7. Choose 'X11' from 'SSH' list

8. Check 'Enable X11 Forwarding'

http://www.math.umn.edu/systems_guide/putty_xwin32/xfwd_putty_rev-sm.png

9. Choose 'Session' from 'Category' list

10. Click 'Save'

Starting the X Server on Windows

Configuring Xming

Just run "All Programs > Xming Xming" and it should work if you've got PuTTY configured.

Connecting

1. Start Xming

2. Start Putty

3. Double click on the saved session you want

http://www.math.umn.edu/systems_guide/putty_xwin32/session_putty_rev-sm.png

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Jay
Sent: Thursday, 1 May 2014 11:09 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Gmsk, ircddbgw, and dstarepeater

Ok going to get some sdcards today and try it I can't seem to boot from the sdcard I had in raspi last week I must have ruined the card I used sd formatter. I can save to it read and write but won't boot from it used several different images.

I have question how can I update time on my raspi? Would like to learn.

Peace....
Jay

-------- Original message --------
From: Adrian <vk4tux@...>
Date: 05/01/2014 8:37 AM (GMT-05:00)
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Gmsk, ircddbgw, and dstarepeater

The Ubuntu image on the BBB is superior to Debian for hardware support.

Adrian vk4tux

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of n2kpk@verizon.net
Sent: Thursday, 1 May 2014 10:23 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Gmsk, ircddbgw, and dstarepeater

Got it going on raspberry pi and pidora. But I have a problem with BBB still not see the modems. Plugged into BBB and it transmitted once and stopped. BBB still not communicating with modems but I plug in keyboard and it works go figure. Like driver is not working.

Jay n2gq

11039. I need an Elmer!

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-02 06:28:22 UTC
From: "ウィリアムズR.T."
Topic: 11028 Message: 11039

Hi,

I am an American living in Japan, JJ5ISD/KK4BJF and very new to D-star completely. I have an icom id-51 and I have an icom ic-208, so decided to see if I can make this all work together as a D-Star hotspot. I am registered with D-Star in Japan, but I not clear whether I have to do some other kind of registration for the terminal ID to register the hotspot that I am trying to build. I understand that there is some need to register with a blank space after your call sign to set up the nodes...and don't even know if I can do that through the Japanese system.

In fact, I am not even sure if I am using the right lingo here. But, just got my board (Thanks, John K6JM), and having read the K6JM page about 20 times already, still feel a bit lost.

I have been reading through old posts here on the group, and am sorry that I am probably bringing up a question that has been asked. So, I want to apologize up front about that.

R.T.

JJ5ISD

11040. WinDV issue.....

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-02 10:48:08 UTC
From: <markab8sx@...>
Topic: 11040 Message: 11040

I have a Star board and am trying to get WinDV to work with it. I have been running DVAR hotspot with no issues. The WinDV will not key the transmitter in full duplex repeater mode. When I unkey the HT that I am testing the repeater with it will then key the transmitter and transmit the 2 beeps but not during the long voice transmit. My Rpt 1 and 2 are all correct ......I have tried invert setting for TX and RX with no luck. What am I missing??

11041. RE: [gmsk_dv_node] WinDV issue.....

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-02 15:48:51 UTC
From: Brad NK8J
Topic: 11040 Message: 11041

Are you running a D-Star repeater or a HotSpot Single radio? If you are running a D-Star repeater you need the Beta file from Fred PA4YBR and then run Jonathon Naylor G4KLX software and IRCDDBGateway. For a single radio hot spot you should always be in SIMPLEX mode not full duplex.

Brad NK8J

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of markab8sx@...
Sent: Friday, May 02, 2014 3:48 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] WinDV issue.....

I have a Star board and am trying to get WinDV to work with it. I have been running DVAR hotspot with no issues. The WinDV will not key the transmitter in full duplex repeater mode. When I unkey the HT that I am testing the repeater with it will then key the transmitter and transmit the 2 beeps but not during the long voice transmit. My Rpt 1 and 2 are all correct ......I have tried invert setting for TX and RX with no luck. What am I missing??

_____
<http://thirdpartyoffers.juno.com/TGLI3156/?u=http://newsletter.adsonar.com/nwrss/imgs/nwr_1560786_36140222_379054_2070767_4_2.PNG?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&zw=500&zh=70&v=5&url=NA&uid=>

11042. RE: [gmsk_dv_node] WinDV issue.....

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-02 15:55:32 UTC
From: Mark Eldridge
Topic: 11040 Message: 11042

Running a homebrew dstar repeater ... 2 GM300 transceivers full duplex.
Will this system not run with the windv?.....I also have the other 2
programs from Jonathan Naylor installed but couldn't seem to get them to do
anything last night is why I switched to WinDV since it looked simpler and
supports ircddb. Have help maybe coming this weekend from someone more
knowledgeable in computers than I......but was hoping to get it working
today. Thanks for any help / info.
On May 2, 2014 11:49 AM, "Brad NK8J" <nk8j@...> wrote:

>
>
> Are you running a D-Star repeater or a HotSpot Single radio? If you are
> running a D-Star repeater you need the Beta file from Fred PA4YBR and then
> run Jonathon Naylor G4KLX software and IRCDDBGateway. For a single radio
> hot spot you should always be in SIMPLEX mode not full duplex.
>
>
>
> Brad NK8J
>
>
>
> *From:* gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
> *On Behalf Of *markab8sx@...
> *Sent:* Friday, May 02, 2014 3:48 AM
> *To:* gmsk_dv_node@yahoogroups.com
> *Subject:* [gmsk_dv_node] WinDV issue.....
>
>
>
>
>
> I have a Star board and am trying to get WinDV to work with it. I have
> been running DVAR hotspot with no issues. The WinDV will not key the
> transmitter in full duplex repeater mode. When I unkey the HT that I am
> testing the repeater with it will then key the transmitter and transmit the
> 2 beeps but not during the long voice transmit. My Rpt 1 and 2 are all
> correct ......I have tried invert setting for TX and RX with no luck. What
> am I missing??
>
>
>
> --
>
>

11043. RE: [gmsk_dv_node] WinDV issue.....

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-02 16:25:01 UTC
From: Brad NK8J
Topic: 11040 Message: 11043

Did you get the Beta firmware that Fred PA4YBR has for the Star Board? You need it in order to run Jonathon Naylor software.

Brad NK8J

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Mark Eldridge
Sent: Friday, May 02, 2014 8:56 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] WinDV issue.....

Running a homebrew dstar repeater ... 2 GM300 transceivers full duplex. Will this system not run with the windv?.....I also have the other 2 programs from Jonathan Naylor installed but couldn't seem to get them to do anything last night is why I switched to WinDV since it looked simpler and supports ircddb. Have help maybe coming this weekend from someone more knowledgeable in computers than I......but was hoping to get it working today. Thanks for any help / info.

On May 2, 2014 11:49 AM, "Brad NK8J" <nk8j@...> wrote:

Are you running a D-Star repeater or a HotSpot Single radio? If you are running a D-Star repeater you need the Beta file from Fred PA4YBR and then run Jonathon Naylor G4KLX software and IRCDDBGateway. For a single radio hot spot you should always be in SIMPLEX mode not full duplex.

Brad NK8J

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11044. RE: [gmsk_dv_node] WinDV issue.....

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-02 16:26:55 UTC
From: Mark Eldridge
Topic: 11040 Message: 11044

Yes from the PC controller yahoo group files area
On May 2, 2014 12:25 PM, "Brad NK8J" <nk8j@...> wrote:

>
>
> Did you get the Beta firmware that Fred PA4YBR has for the Star Board? You
> need it in order to run Jonathon Naylor software.
>
>
>
> Brad NK8J
>
>
>
> *From:* gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
> *On Behalf Of *Mark Eldridge
> *Sent:* Friday, May 02, 2014 8:56 AM
> *To:* gmsk_dv_node@...m
> *Subject:* RE: [gmsk_dv_node] WinDV issue.....
>
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>
> Running a homebrew dstar repeater ... 2 GM300 transceivers full duplex.
> Will this system not run with the windv?.....I also have the other 2
> programs from Jonathan Naylor installed but couldn't seem to get them to do
> anything last night is why I switched to WinDV since it looked simpler and
> supports ircddb. Have help maybe coming this weekend from someone more
> knowledgeable in computers than I......but was hoping to get it working
> today. Thanks for any help / info.
>
> On May 2, 2014 11:49 AM, "Brad NK8J" <nk8j@...m> wrote:
>
>
>
> Are you running a D-Star repeater or a HotSpot Single radio? If you are
> running a D-Star repeater you need the Beta file from Fred PA4YBR and then
> run Jonathon Naylor G4KLX software and IRCDDBGateway. For a single radio
> hot spot you should always be in SIMPLEX mode not full duplex.
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> Brad NK8J
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11045. RE: [gmsk_dv_node] WinDV issue.....

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-02 16:42:55 UTC
From: Brad NK8J
Topic: 11040 Message: 11045

The beta firmware for your GMSK Star board only comes from Fred PA4YBR. You need to send him a message and load the firmware onto the GMSK Star Board then it will work fine.

Brad NK8J

From: gmsk_dv_node@...m [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Mark Eldridge
Sent: Friday, May 02, 2014 9:27 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] WinDV issue.....

Yes from the PC controller yahoo group files area

On May 2, 2014 12:25 PM, "Brad NK8J" <nk8j@...> wrote:

Did you get the Beta firmware that Fred PA4YBR has for the Star Board? You need it in order to run Jonathon Naylor software.

Brad NK8J

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Mark Eldridge
Sent: Friday, May 02, 2014 8:56 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] WinDV issue.....

Running a homebrew dstar repeater ... 2 GM300 transceivers full duplex. Will this system not run with the windv?.....I also have the other 2 programs from Jonathan Naylor installed but couldn't seem to get them to do anything last night is why I switched to WinDV since it looked simpler and supports ircddb. Have help maybe coming this weekend from someone more knowledgeable in computers than I.....but was hoping to get it working today. Thanks for any help / info.

On May 2, 2014 11:49 AM, "Brad NK8J" <nk8j@...> wrote:

Are you running a D-Star repeater or a HotSpot Single radio? If you are running a D-Star repeater you need the Beta file from Fred PA4YBR and then run Jonathon Naylor G4KLX software and IRCDDBGateway. For a single radio hot spot you should always be in SIMPLEX mode not full duplex.

Brad NK8J

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<http://thirdpartyoffers.juno.com/TGLI3156/?u=http://newsletter.adsonar.com/nwrss/imgs/nwr_1560786_36140222_379054_2070767_4_2.PNG?placementId=1560786&plid=379054&pid=2070767&ps=36

140222&rotation=4&type=2&zw=500&zh=70&v=5&url=NA&uid=>

11046. Re: [gmsk_dv_node] WinDV issue.....

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-02 16:48:07 UTC
From: "ウィリアムズR.T."
Topic: 11040 Message: 11046

I'm just now starting to register my US Call sign, though. I actually think I should take your advice...Ho! RT JJ5ISD/KK4BJF
On May 3, 2014, at 1:42 AM, Brad NK8J wrote:

>
> The beta firmware for your GMSK Star board only comes from Fred PA4YBR. You need to send him a message and load the firmware onto the GMSK Star Board then it will work fine.
>
>
>
> Brad NK8J
>
>
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Mark Eldridge
> Sent: Friday, May 02, 2014 9:27 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: RE: [gmsk_dv_node] WinDV issue.....
>
>
>
>
>
>
> Yes from the PC controller yahoo group files area
>
> On May 2, 2014 12:25 PM, "Brad NK8J" <nk8j@...> wrote:
>
>
>
> Did you get the Beta firmware that Fred PA4YBR has for the Star Board? You need it in order to run Jonathon Naylor software.
>
>
>
> Brad NK8J
>
>
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Mark Eldridge
> Sent: Friday, May 02, 2014 8:56 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: RE: [gmsk_dv_node] WinDV issue.....
>

>
>
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>
> Running a homebrew dstar repeater ... 2 GM300 transceivers full duplex. Will this system not run with the windv?.....I also have the other 2 programs from Jonathan Naylor installed but couldn't seem to get them to do anything last night is why I switched to WinDV since it looked simpler and supports ircddb. Have help maybe coming this weekend from someone more knowledgeable in computers than I......but was hoping to get it working today. Thanks for any help / info.
>
> On May 2, 2014 11:49 AM, "Brad NK8J" <nk8j@...> wrote:
>
>
>
> Are you running a D-Star repeater or a HotSpot Single radio? If you are running a D-Star repeater you need the Beta file from Fred PA4YBR and then run Jonathon Naylor G4KLX software and IRCDDBGateway. For a single radio hot spot you should always be in SIMPLEX mode not full duplex.
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> Brad NK8J
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11047. RE: [gmsk_dv_node] WinDV issue.....

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-02 17:06:41 UTC
From: Mark Eldridge
Topic: 11040 Message: 11047

OK.....we will give it a shot. Thank you.
On May 2, 2014 12:43 PM, "Brad NK8J" <nk8j@...> wrote:

>
>
> The beta firmware for your GMSK Star board only comes from Fred PA4YBR.
> You need to send him a message and load the firmware onto the GMSK Star
> Board then it will work fine.
>
>
>
> Brad NK8J
>
>
>
> *From:* gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
> *On Behalf Of *Mark Eldridge
> *Sent:* Friday, May 02, 2014 9:27 AM
> *To:* gmsk_dv_node@yahoogroups.com
> *Subject:* RE: [gmsk_dv_node] WinDV issue.....
>
>
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>
> Yes from the PC controller yahoo group files area
>
> On May 2, 2014 12:25 PM, "Brad NK8J" <nk8j@...> wrote:
>
>
>
> Did you get the Beta firmware that Fred PA4YBR has for the Star Board? You
> need it in order to run Jonathon Naylor software.
>
>
>
> Brad NK8J
>
>
>
> *From:* gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
> *On Behalf Of *Mark Eldridge
> *Sent:* Friday, May 02, 2014 8:56 AM
> *To:* gmsk_dv_node@yahoogroups.com
> *Subject:* RE: [gmsk_dv_node] WinDV issue.....

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> Running a homebrew dstar repeater ... 2 GM300 transceivers full duplex.
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> today. Thanks for any help / info.
>
> On May 2, 2014 11:49 AM, "Brad NK8J" <nk8j@...> wrote:
>
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>
> Are you running a D-Star repeater or a HotSpot Single radio? If you are
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> Brad NK8J
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> --
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11048. RE: [gmsk_dv_node] WinDV issue.....

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-02 19:57:51 UTC
From: Fred PA4YBR
Topic: 11040 Message: 11048

Hi Mark,

WinDV may or may not work in Duplex mode on your machine, as per the "What's New" notes of the program. Also, make sure you have "Half Duplex" disabled in both the firmware (on the board) as well as in the WinDV config itself...

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of markab8sx@...
Sent: Friday, May 02, 2014 12:48 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] WinDV issue.....

I have a Star board and am trying to get WinDV to work with it. I have been running DVAR hotspot with no issues. The WinDV will not key the transmitter in full duplex repeater mode. When I unkey the HT that I am testing the repeater with it will then key the transmitter and transmit the 2 beeps but not during the long voice transmit. My Rpt 1 and 2 are all correct ......I have tried invert setting for TX and RX with no luck. What am I missing??

11049. Looking for a GMKS Node Adapter

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-04 11:02:36 UTC
From: Carlos Fonseca - CT1GFQ
Topic: 11028 Message: 11049

Hello All.

I’m looking for an used GMKS Node Adapter.
If anyone have one that don’t use any more and want to sell, please contact me.

I’m looking it to conect to my Motorola GM-340 radio.

73's de Carlos CT1GFQ
SKCC#466C www.skccgroup.com
REP#1406 www.rep.pt

11050. Re: When your radio needs more TX audio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-04 12:23:45 UTC
From: <g7ddn@...>
Topic: 7987 Message: 11050

Hi there

I am trying to set up a Dutch*Star Mini Hotspot Rev C board and am running into this same TX output issue with the Kenwood TM-V71E.

My R6 is 330 Ohm so not the right one to bypass I guess! My 100K devices are at R5, R8, R9 & R17.

Can anyone point me in the right direction? (Fred??)

Thanks

Chris G7DDN

11051. Re: Having to "double clutch" PTT with MoenCom board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-04 15:38:05 UTC
From: <kj6omw@...>
Topic: 10950 Message: 11051

Jim,

Here's another update on the situation that you may want to tuck away should this come up again...

I started having the same problem again. I would have to key 2-3 times to either get it to transmit, or send my call sign & message. Thinking it must be software, I uninstalled and reinstalled everything, messed with the board and still couldn't get it to work reliably. I just got an ID-51 and it NEVER had the same problem, so I turned my attention to my IC-2820H, thinking that maybe the D-Star board was failing.

Turns out there is a known problem on older IC-2820H's (I bought mine used) when UHF-DV is being used on the left side of the radio. The left side of my radio is almost always set to my remote input for a local repeater and rarely ever gets changed. Turns out I was on the left side when I made my original post, then had switched back the right when I thought I had "fixed" my issue. I somehow ended up back on the left side of the radio when the problem surfaced again and I never put two and two together until I stumbled across a seven year old post in the Yahoo 2820 group detailing the issue.
https://groups.yahoo.com/neo/groups/Icom_IC-2820H/conversations/topics/66
https://groups.yahoo.com/neo/groups/Icom_IC-2820H/conversations/topics/66

This has probably happened to me in the past, but I didn't notice it because I didn't have a computer screen in front of me showing that my call sign & message didn't go out, plus I rarely ever used DV on the left side. Figured I'd post this up in case some other IC-2820H user thinks they are having a problem with their MoenComm board or software. It's the stupid radio! lol

Thanks again for your willingness to jump in and help.

Mark

11052. RE: [gmsk_dv_node] Looking for a GMKS Node Adapter

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-04 17:24:16 UTC
From: Brad NK8J
Topic: 11028 Message: 11052

Just get one from MoenComm it will work great and Jim is in here to support it if you need help. Mine with all the cables cost $120.00 shipped.

Brad NK8J

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Carlos Fonseca - CT1GFQ
Sent: Sunday, May 04, 2014 4:03 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Looking for a GMKS Node Adapter

Hello All.

I’m looking for an used GMKS Node Adapter.
If anyone have one that don’t use any more and want to sell, please contact me.

I’m looking it to conect to my Motorola GM-340 radio.

73's de Carlos CT1GFQ
SKCC#466C www.skccgroup.com
REP#1406 www.rep.pt

_____
<http://thirdpartyoffers.juno.com/TGLI3156/?u=http://newsletter.adsonar.com/nwrss/imgs/nwr_1560786_36140222_379054_2070767_4_2.PNG?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&zw=500&zh=70&v=5&url=NA&uid=>

11053. D-STAR at Hamvention

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-06 18:33:22 UTC
From: Woodrick, Ed
Topic: 11053 Message: 11053
Attachments: 1 described; binary payloads are missing from this source WARC

Dayton Hamvention is getting close and this year it's time to Show us your Star!

[cid:image001.jpg@01CF6938.217AE160]

DSTARInfo is sponsoring Show us your Star with an awesome contest. Register for a free RF module for your club's repeater or 50% off the purchase of a new RF module and controller. Stop by the D-STAR booth (booths 8-10 in the main arena) or the D-STAR Update Forum at the Drury Inn to register.
Full details at DSTARInfo<http://www.dstarinfo.com/Showusyourstar.aspx>

D-STAR Activities at Dayton
For the latest updates to the schedule, check out DSTARInfo.com<http://www.dstarinfo.com/>

Thursday, May 15, 7-9PM - Pre-Hamvention Meet, Greet, and Eyeball QSO
Marion's Piazza
1320 N Fairfield Rd
Beavercreek OH 45432

Friday, May 16, 8-11AM - D-STAR InfoCon at Hamvention 2014
Drury Inn Ballroom
6616 Miller Lane
Dayton OH
DSTARInfo.com<http://www.dstarinfo.com/InfoCon2014.aspx> for information and registration

Friday, May 16, 12:45-2:15PM - D-STAR Forum
Forum Room 1
Dayton Hamvention

Friday, May 16, 6:30-8:30PM - D-STAR Update
Drury Inn Ballroom
6616 Miller Lane
Dayton OH
DSTARInfo.com<http://www.dstarinfo.com/> for more information

Dayton D-STAR Repeaters
W8RTL C

147.1050+

W8RTL B

443.0500+

W8HEQ C

145.2700-

W8HEQ B

444.0875+

D-STAR Affiliated Vendors at Dayton Hamvention
Icom - Booths HA0008-HA0010, HA0033-HA0037
Hardened Power Systems - HA0075
Internet Labs - HA0028-HA0029
RT Systems - NH-247-NH0248

If there are any corrections or additions, please drop us a note at
info@...<mailto:info@...>

11054. RE: [gmsk_dv_node] D-STAR at Hamvention

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-06 18:38:22 UTC
From: Fred PA4YBR
Topic: 11053 Message: 11054
Attachments: 1 described; binary payloads are missing from this source WARC

Hehehehe.

"I'll show you mine if you show me yours!"

See you at Marion's !

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Woodrick, Ed
Sent: Tuesday, May 06, 2014 8:33 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] D-STAR at Hamvention

Dayton Hamvention is getting close and this year it's time to Show us your Star!

DSTARInfo is sponsoring Show us your Star with an awesome contest. Register for a free RF module for your club's repeater or 50% off the purchase of a new RF module and controller. Stop by the D-STAR booth (booths 8-10 in the main arena) or the D-STAR Update Forum at the Drury Inn to register.

Full details at DSTARInfo <http://www.dstarinfo.com/Showusyourstar.aspx>

D-STAR Activities at Dayton

For the latest updates to the schedule, check out DSTARInfo.com <http://www.dstarinfo.com/>

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Dayton D-STAR Repeaters

W8RTL C

147.1050+

W8RTL B

443.0500+

W8HEQ C

145.2700-

W8HEQ B

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D-STAR Affiliated Vendors at Dayton Hamvention

Icom - Booths HA0008-HA0010, HA0033-HA0037

Hardened Power Systems - HA0075

Internet Labs - HA0028-HA0029

RT Systems - NH-247-NH0248

If there are any corrections or additions, please drop us a note at
info@...

11055. Raz Pi Repeater Not Working WIth ID-5100...I'll Explain

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-11 23:35:07 UTC
From: david@...
Topic: 11055 Message: 11055

Hello Group,

I have a repeater (K5TAR) that has a Raz pi controller with the Moen Board with the two radios. The repeater works fine with my IC-7100, ID-31, ID-880 and ID-51 playing my repeater audio of the hams using it including myself. For whatever reason the ID-5100 will not play the audio initially from my repeater. After a few seconds sometimes it will decode the audio playing the GMSK modem sounds first for a bit then the Dstar audio comes through and other times it won't play the audio at all. I've played with all the settings I can think of including the DV audio detect, squelch setting and others on the radio. This is the only Dstar radio I have in my Dstar arsenal that won't play the audio. I'm really flummoxed.

My ID-5100 will play audio from another Dstar repeater, my DVAP or communicating simplex to it.

I'm told the new ID-5100 has a "tighter" receiver so I need to adjust the config software that I originally set up when I set up the repeater. Does anyone know what settings I need to change and their value.

Has anyone experienced anything like this with their ID-5100 and what was the remedy.

David
K9RUF

11056. RE: [gmsk_dv_node] Raz Pi Repeater Not Working WIth ID-5100...I'll Explain

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-12 00:57:24 UTC
From: J. M. Moen
Topic: 11055 Message: 11056

I would take the repeater offline and use NAWinTEST to adjust the TX trim pot (which sets deviation) while listening with the 5100. We noticed that the TX trim pot setting was not too critical using the original D-Star radios. Then with the ID-51 and ID-31, we found we had to adjust that setting more carefully. It appears the 5100 is even more picky about the deviation of the transmitted signal.

I would go into Echo Test and make a very long transmission from the 5100. Then when NAWinTEST starts to play back, you will have a long time to adjust the trim pot. Turn the TX rim pot very slowly in tiny increments until you find the sweet spot.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@...m]
Sent: Sunday, May 11, 2014 4:35 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Raz Pi Repeater Not Working WIth ID-5100...I'll Explain
Hello Group,

I have a repeater (K5TAR) that has a Raz pi controller with the Moen Board with the two radios. The repeater works fine with my IC-7100, ID-31, ID-880 and ID-51 playing my repeater audio of the hams using it including myself. For whatever reason the ID-5100 will not play the audio initially from my repeater. After a few seconds sometimes it will decode the audio playing the GMSK modem sounds first for a bit then the Dstar audio comes through and other times it won't play the audio at all. I've played with all the settings I can think of including the DV audio detect, squelch setting and others on the radio. This is the only Dstar radio I have in my Dstar arsenal that won't play the audio. I'm really flummoxed.

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I'm told the new ID-5100 has a "tighter" receiver so I need to adjust the config software that I originally set up when I set up the repeater. Does anyone know what settings I need to change and their value.

Has anyone experienced anything like this with their ID-5100 and what was the remedy.

David
K9RUF

11057. RE: [gmsk_dv_node] DVAR Hotspot Repeater ID and connectivity info not shown

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-12 01:01:22 UTC
From: J. M. Moen
Topic: 11008 Message: 11057

Sorry for replying so late. I notice you are running the DVAR Hotspot program by Mark KB9KHM. That works well in both simplex and full duplex modes, though it supports linking only to DPlus REF reflectors. WinDV on Windows, G4KLX programs (DStarRepeater and ircDDBGateway) or FreeStar additionally support DExtra XRF linking and DCS linking, among other things.

For DVAR, you can use your own callsign in Repeater or full duplex mode. If you move to one of the other applications mentioned above and want to configure a Gateway for ircDDB, then you indeed will need a repeater callsign (called a club callsign for US Hams).

To your question about DVAR connectivity status, there are two things you can do:
* 1) go to Edit/Settings and on the Settings window, under ID Settings, be sure to check the “TX status ID after every received transmission.” Every inbound transmission will be acknowledged, and this includes connectivity info (e.g. Connected – REF001 C).
* 2) Set up a memory to issue the DPlus Info command (URCall set to 7 spaces and the capital letter I). Hit PTT and it will transmit back the connectivity status.

Note that if you checked Require proper RPT1 (and/or RPT2), then your D-Star radio needs to be programmed with those set up properly. If you haven’t seen the web page “Install and Configure DVAR Hot Spot Software,” you might check it out at http://www.k6jm.com/hs-setupdvar.htm.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of Mark Eldridge
Sent: Friday, April 25, 2014 5:49 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] DVAR Hotspot Repeater ID and connectivity info not shown
I have put together a dstar repeater with the star board.....2 Motorola GM300's and am running the DVAR Hotspot program. My problem is that I cannot get the software to ID the repeater and when using a dstar radio to access the repeater it does not show connectivity status or much of any other text messages on the screen. Some messages will show from other users....but never anything that shows the repeater ID or connectivity status to any reflectors or anywhere else. I have re-installed another version of the DAVR software to see if it was a bad install or something with no luck. Any suggestions?

11058. RE: [gmsk_dv_node] Re: Enclosures for Star*Board Node Adapter

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-12 01:04:18 UTC
From: J. M. Moen
Topic: 9610 Message: 11058

It’s hard to predict how much power will create a problem for electronic boards. I have a now old NUE-PSK Modem which I’ve used for PSK QRP in the field. My battery-operated FT-817 running less than 3 watts into an 11’ vertical would get into its board and scramble its firmware. It was better when I put chokes on all cables in and out and got a few more feet away from the antenna.

Your tests running higher power on your Hotspot are interesting. Remember to have good cooling on your transmitter if you crank up the power and leave the Hotspot connected to a reflector. A long-running net can put your transmitter into 100% duty cycle for a couple of hours, and many amateur radios were not designed for 100% duty cycle….

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of kj6omw@...
Sent: Tuesday, April 29, 2014 8:29 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: Enclosures for Star*Board Node Adapter
They're 6'-7' apart, which is about as far as they're going to get w/o re-inventing the wheel. I'll give the choke on the cable a try.

It actually took quite a while for this issue to turn up since I'm very rarely using more than low power. Playing around with it last night I noticed that varying levels of power cause varying levels of errors out of the board. 25w and I'd sometimes have errors in the outgoing message. 50w and I'd have no message. 300w and the board pretty much takes a nap. This is only on VHF by the way. The board is unaffected by HF or UHF.

Not a big deal. It could be months before I do more than 5w on VHF again. The short term duct tape approach was simply moving the USB connection from the back of the computer to the front. Worst case is I have to reach over and unplug/re-boot it.

Thanks for the input!

11059. RE: [gmsk_dv_node] I need an Elmer!

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-12 01:06:11 UTC
From: J. M. Moen
Topic: 11028 Message: 11059

R.T. - we've traded some notes directly, but for others with the same question, here goes..

Most people get Hotspots so they can connect up to reflectors. There are three kinds of linking protocols. DPlus links to REF reflectors like REF001C. DExtra links to XRF reflectors, and DCS for DCS reflectors.

If you want to link to REF reflectors, then yes, you need to register your callsign and set up one or more so-called "terminals". These are used by DPlus (and only DPlus) to authenticate whether you will be allowed to transmit out to a reflector.

I use one of several websites that offer lookups into the G2 registration database that is used by DPlus. Take a look at http://query.ke5bms.com/index.php and enter your callsign JJ5ISD. You'll see you are not yet registered.

Now, if you only want to link to XRF and/or DCS reflectors, you don't need to register. But if you also want to get to REF reflectors, then you need to register your callsign at a G2 Registration server. We normally suggest people choose the closest ICOM D-STAR Gateway, but I am not educated in how this works in Japan. If you have trouble doing this, however, please contact me off list and I'll help you get set up.

Registration is a two-step process. First your callsign is set up with an account. Then in Step 2, one or more terminals are set up. Once the update is complete, it can take a while for the updates to propagate throughout the network, worldwide.

My webpage at http://www.k6jm.com/hs-setup.htm , Step 1, talks about this. In your case, I'd set up one terminal with a blank initial, and one with the letter A, B, or C. This simulates the module letter used by ICOM repeaters. I understand in Japan, A is the first module set up, B, the second, etc. In many other places, though, the convention is to use B for 70cm and C for 2 meters. This use of particular letters is not mandatory. The main thing is to be able to configure your hotspot with your callsign and a module letter, and that combination be registered as a terminal to allow DPlus linking to work.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of "??????R.T."
Sent: Thursday, May 01, 2014 11:28 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] I need an Elmer!

Hi,

I am an American living in Japan, JJ5ISD/KK4BJF and very new to D-star completely. I have an icom id-51 and I have an icom ic-208, so decided to see if I can make this all work together as a D-Star hotspot. I am registered with D-Star in Japan, but I not clear whether I have to do some other kind of registration for the terminal ID to register the hotspot that I am trying to build. I understand that there is some need to register with a blank space after your call sign to set up the nodes...and don't even know if I can do that through the Japanese system.

In fact, I am not even sure if I am using the right lingo here. But, just got my board (Thanks, John K6JM), and having read the K6JM page about 20 times already, still feel a bit lost.

I have been reading through old posts here on the group, and am sorry that I am probably bringing up a question that has been asked. So, I want to apologize up front about that.

R.T.

JJ5ISD

11060. RE: [gmsk_dv_node] Re: Having to "double clutch" PTT with MoenCom board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-12 01:06:42 UTC
From: J. M. Moen
Topic: 10950 Message: 11060

That is really interesting and worth remembering. Thanks for highlighting this anomaly. I do have other customers who use the left side of their 2820 to monitor their local D-Star repeater, and the right side in analog mode to provide Hotspot service that monitors reflectors. But I can see how you might switch to the left side without thinking about it.

Thanks again.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] On Behalf Of kj6omw@...
Sent: Sunday, May 04, 2014 8:38 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Having to "double clutch" PTT with MoenCom board
Jim,

Here's another update on the situation that you may want to tuck away should this come up again...

I started having the same problem again. I would have to key 2-3 times to either get it to transmit, or send my call sign & message. Thinking it must be software, I uninstalled and reinstalled everything, messed with the board and still couldn't get it to work reliably. I just got an ID-51 and it NEVER had the same problem, so I turned my attention to my IC-2820H, thinking that maybe the D-Star board was failing.

Turns out there is a known problem on older IC-2820H's (I bought mine used) when UHF-DV is being used on the left side of the radio. The left side of my radio is almost always set to my remote input for a local repeater and rarely ever gets changed. Turns out I was on the left side when I made my original post, then had switched back the right when I thought I had "fixed" my issue. I somehow ended up back on the left side of the radio when the problem surfaced again and I never put two and two together until I stumbled across a seven year old post in the Yahoo 2820 group detailing the issue.
https://groups.yahoo.com/neo/groups/Icom_IC-2820H/conversations/topics/66

This has probably happened to me in the past, but I didn't notice it because I didn't have a computer screen in front of me showing that my call sign & message didn't go out, plus I rarely ever used DV on the left side. Figured I'd post this up in case some other IC-2820H user thinks they are having a problem with their MoenComm board or software. It's the stupid radio! lol

Thanks again for your willingness to jump in and help.

Mark

11061. Re: Raz Pi Repeater Not Working WIth ID-5100...I'll Explain

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-12 04:54:19 UTC
From: david@...
Topic: 11055 Message: 11061

Success!

I found this post from Jim that suggested removing R6 on the Moen board and making a solder bridge. This provided the extra TX output that I need to adjust the output pot for the "sweetspot." Now all my Dstar radios work with my repeater.

Jim's Post:

If you have a Star*Board and a radio that needs more TX drive, there are two mods mentioned by Steve that can help. If you decide to mod the board, the board's designer suggests you first do the R6 mod. This increases the drive, but still allows the TX trimpot to operate and allows you to still adjust the TX audio level.

R6 is a tiny resistor located next to the COS trimpot R34. With the LEDs at the top and the cable connectors at the bottom, R34 is the trimpot to the left. Just to the right of it on the Board Layout diagram, you'll see R6. On the diagram, it actually says R6+.

The mod consists of removing R6 (use sharp-pointed soldering iron to heat both pads and gently move it aside). Then create a short across both pads with a solder blob. This is one of those rare times where you actually want to bridge two pads with some solder. TX audio will get through without attenuation of the 100K R6 resistor, and the R36 trimpot will still be in the circuit.

If that still isn't sufficient, you can then remove R37. This is a zero-ohm resistor located between the DSub9 connector and the USB connector. Don't bridge the pads to which R37 was soldered, since the purpose of this mod is to remove it.

Again, most radios will not need either mod, but in the somewhat rare cases where more drive is needed, there is a solution.

Jim - K6JM
MoenComm Star*Board D-Star GMSK Node Adapter http://www.moencomm.com

http://www.moencomm.com

MoenComm Star*Board D-Star GMSK Node Adapter http://www.moencomm.com Home Order Star*Board Settings Load Firmware

View on www.moencomm.com http://www.moencomm.com
Preview by Yahoo

11062. Re: [gmsk_dv_node] I need an Elmer!

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-12 05:38:17 UTC
From: Yosh Todo
Topic: 11028 Message: 11062

Hi Williams

If you've registered JARL WEB, just make a talk over gateway (NOT Yamakake).
You may use auto-answer like Narayama 430. Then your Callsign JJ5ISD is
listed
in file which use to syncronize JARL Server and US-Trust server.
If you wait several hours, can use JJ5ISD with your DV Dongle or other
devices like that.
But in Japan, you should get Club Callsign for Node Adapter, DVAP.
Other words, 2 points like "Node Adapter + FM Transciever" and "ID-51", you
have to have
two callsigns like Private Call and Club Call, or Private mobile call and
Private fixed station call.
sorry poor English. If available in Japanese, send email to je3hcz@....

http://todovc.blogspot.jp/p/dstarnetwork.html
http://todovc.blogspot.jp/p/saap.html

Best 73
++++++++++++++++++++
J E 3 H C Z Yosh Todo
藤 堂 善 春
Omihachiman City, JAPAN
++++++++++++++++++++

2014-05-02 15:28 GMT+09:00 "ウィリアムズR.T." <rtinscouts@...>:

>
>
> Hi,
>
> I am an American living in Japan, JJ5ISD/KK4BJF and very new to D-star
> completely. I have an icom id-51 and I have an icom ic-208, so decided to
> see if I can make this all work together as a D-Star hotspot. I am
> registered with D-Star in Japan, but I not clear whether I have to do some
> other kind of registration for the terminal ID to register the hotspot that
> I am trying to build. I understand that there is some need to register
> with a blank space after your call sign to set up the nodes...and don't
> even know if I can do that through the Japanese system.
>
> In fact, I am not even sure if I am using the right lingo here. But, just
> got my board (Thanks, John K6JM), and having read the K6JM page about 20
> times already, still feel a bit lost.
>
> I have been reading through old posts here on the group, and am sorry that
> I am probably bringing up a question that has been asked. So, I want to

> apologize up front about that.
>
> R.T.
>
> JJ5ISD
>
>
>
>

11063. Re: [gmsk_dv_node] I need an Elmer!

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-13 05:07:03 UTC
From: Yosh Todo
Topic: 11028 Message: 11063

Hi Williams

In case you use "Fixed JJ5ISD" for your node, you can use 'Mobile JJ5ISD"
for your mobile device.
Because they are different licenses in Japan, and you must pay for Ham's
frequency double.
In this situation, the callsigns can be the same.

And yes, If you used the club callsign JA5YMJ for node, you have to
register it similar as your private callsign.
Also you have to comunicate over the gateway with it and wait several hours.

These two cases meen that we need two payments to National Agency for using
node.
Club Callsign is better, I think, because Fixed Call can't be used for DVAP
for mobile.

I used to listen REF047 C, JL3ZBS is my node. Please call me. (in
JAPANESE (^-^)v)

Best 73
++++++++++++++++++++
J E 3 H C Z Yosh Todo
藤 堂 善 春
Omihachiman City, JAPAN
++++++++++++++++++++

2014-05-13 12:47 GMT+09:00 "ウィリアムズR.T." <rtinscouts@...>:

> Hi Yosh,
>
> Thanks so much for your explanation about Japan's unique system. I have
> been using my DONGLE without any problem. I have access to a club call
> sign. JA5YMJ is the Kagawa Boy Scout Council club call sign that I am a
> member of. I have permission to use it. In fact, we are planning to use
> the D-Star system for our camp and events. I understand the situation with
> the fixed station and the mobile station. Would the call signs be
> different call signs? If I used the club calls sign, would I have to
> register JA5YMJ with the D-Star system?
>
> Thanks for your help.
>
> R.T.
>
> rtinscouts@... is my other email.
> On May 12, 2014, at 2:38 PM, Yosh Todo yosh.todo@... [gmsk_dv_node]

> wrote:
>
>
>

11064. Re: [gmsk_dv_node] I need an Elmer!

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-13 03:47:36 UTC
From: "ウィリアムズR.T."
Topic: 11028 Message: 11064

Hi Yosh,

Thanks so much for your explanation about Japan's unique system. I have been using my DONGLE without any problem. I have access to a club call sign. JA5YMJ is the Kagawa Boy Scout Council club call sign that I am a member of. I have permission to use it. In fact, we are planning to use the D-Star system for our camp and events. I understand the situation with the fixed station and the mobile station. Would the call signs be different call signs? If I used the club calls sign, would I have to register JA5YMJ with the D-Star system?

Thanks for your help.

R.T.

rtinscouts@yahoo.co.jp is my other email.
On May 12, 2014, at 2:38 PM, Yosh Todo yosh.todo@... [gmsk_dv_node] wrote:

>
> Hi Williams
>
> If you've registered JARL WEB, just make a talk over gateway (NOT Yamakake).
> You may use auto-answer like Narayama 430. Then your Callsign JJ5ISD is listed
> in file which use to syncronize JARL Server and US-Trust server.
> If you wait several hours, can use JJ5ISD with your DV Dongle or other devices like that.
> But in Japan, you should get Club Callsign for Node Adapter, DVAP.
> Other words, 2 points like "Node Adapter + FM Transciever" and "ID-51", you have to have
> two callsigns like Private Call and Club Call, or Private mobile call and Private fixed station call.
> sorry poor English. If available in Japanese, send email to je3hcz@....
>
> http://todovc.blogspot.jp/p/dstarnetwork.html
> http://todovc.blogspot.jp/p/saap.html
>
>
> Best 73
> ++++++++++++++++++++
> J E 3 H C Z Yosh Todo
> 藤 堂 善 春
> Omihachiman City, JAPAN
> ++++++++++++++++++++
>
>
> 2014-05-02 15:28 GMT+09:00 "ウィリアムズR.T." <rtinscouts@...>:
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> Hi,

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> I am an American living in Japan, JJ5ISD/KK4BJF and very new to D-star completely. I have an icom id-51 and I have an icom ic-208, so decided to see if I can make this all work together as a D-Star hotspot. I am registered with D-Star in Japan, but I not clear whether I have to do some other kind of registration for the terminal ID to register the hotspot that I am trying to build. I understand that there is some need to register with a blank space after your call sign to set up the nodes...and don't even know if I can do that through the Japanese system.
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> In fact, I am not even sure if I am using the right lingo here. But, just got my board (Thanks, John K6JM), and having read the K6JM page about 20 times already, still feel a bit lost.
>
> I have been reading through old posts here on the group, and am sorry that I am probably bringing up a question that has been asked. So, I want to apologize up front about that.
>
> R.T.
>
> JJ5ISD
>
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11065. Re: [gmsk_dv_node] I need an Elmer!

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-14 08:45:03 UTC
From: Dennis Rogers
Topic: 11028 Message: 11065

You will not be able to go through the Japan System. You will need a
Raspberry Pi or other
similar microcomputers running G4KLX ircDDBgateway software with your own
internet ISP in your home. If you are a registered Dstar Dplus user, then
you will be able to use your ID51 through your own hotspot you created.

Hope that gets you on the right path. There is documentation for setting up
the raspberry pi with the gmsk board via an internet search. It is a PDF
file you can download.

73s Dennis, N5VRP
You can also use a Banana Pi board too and let VK4TUX or myself in a week
help you. I am waiting on more SD cards to arrive. I am very familiar with
the RPi board. Have three hotpots. This will allow you to link at your
hotspot with ALL reflectors around the world.
On May 2, 2014 1:28 AM, ウィリアムズR.T. <rtinscouts@...> wrote:

>
>
> Hi,
>
> I am an American living in Japan, JJ5ISD/KK4BJF and very new to D-star
> completely. I have an icom id-51 and I have an icom ic-208, so decided to
> see if I can make this all work together as a D-Star hotspot. I am
> registered with D-Star in Japan, but I not clear whether I have to do some
> other kind of registration for the terminal ID to register the hotspot that
> I am trying to build. I understand that there is some need to register
> with a blank space after your call sign to set up the nodes...and don't
> even know if I can do that through the Japanese system.
>
> In fact, I am not even sure if I am using the right lingo here. But, just
> got my board (Thanks, John K6JM), and having read the K6JM page about 20
> times already, still feel a bit lost.
>
> I have been reading through old posts here on the group, and am sorry that
> I am probably bringing up a question that has been asked. So, I want to
> apologize up front about that.
>
> R.T.
>
> JJ5ISD
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>
>

11066. RE: [gmsk_dv_node] I need an Elmer!

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-14 17:01:57 UTC
From: J. M. Moen
Topic: 11028 Message: 11066

From Yosh's posts, it appears Japanese regulations require each transmitter use a unique callsign. If that's true, then your Hotspot can use JA5YMJ and your D-Star radio can use your personal call.

As you know, Hotspots allow connection over the internet to reflectors or repeater/gateways. Initially, the only linking protocol was DPlus, which supports reflectors named REFnnnx. Later, two more linking methods were created (DExtra for XRF reflectors, and DCS for DCS reflectors).

My knowledge of how D-Star works in Japan is sadly lacking, but I don't believe repeater/gateways there have installed the software to do the above linking. But I could be wrong.

In any case, your Hotspot will be able to link to a variety of reflectors throughout the world. For DPlus/REF linking, I see that REF008A, REF008B and REF008C are located in Japan. The DCS system has DCS021 and DCS022 located in Japan. There may be some XRF reflectors for Japanese hams.

If you plan to connect to REF reflectors using DPlus, you should register both callsigns and set up terminals at an ICOM G2 gateway. Take a look at Step 1 of my web page "Building a D-Star Compatible Hotspot" - http://www.k6jm.com/hs-setup.htm .

If you only plan to connect to XRF or DCS reflectors, you will not need to do the above registration.

When we configure a Hotspot, we are assigning callsigns to the transmitters. In many jurisdictions, digital voice modes like D-Star may use the digital callsign that is transmitted every time you press PTT. So which callsigns you use on your hotspot and your D-Star radio are affected by your regulations.

… I just read your earlier post and see you have registered your US callsign, KK4BJF, and you have set up one terminal with a blank initial. I don't know how Japanese regulations work for using that callsign on a transmitter, but if that's possible, then you have a start.

I believe I mailed you the GMSK Modem in late April. I hope it arrived ok. It will probably be easier to get things set up on Windows. After callsign registration, head for Step 2 on the above web page and install NATools. Once you have gotten to Step 5, you'll need to decide where you will run the Hotspot software (Windows? Linux?) and which software to use.

If you choose the Raspberry Pi or similar small pc, take a look at my web page "Configuring he Raspberry Pi using a GMSK Modem and G4KLX software" at http://www.k6jm.com/hs-piconfigG4KLX.htm . This uses the Pi image file from westerndstar.co.uk. Another good alternative is the image from Adrian VK4TUX as mentioned in the post by Dennis N5VRP.

But you will need to do the first 4 steps on the above page before you will be ready to install and configure the Hotspot software.

Good luck, and this group will be here to help you. I will also work with you via direct email if you have any questions.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, May 12, 2014 8:48 PM
To: gmsk_dv_node@yahoogroups.com
Cc: je3hcz@...
Subject: Re: [gmsk_dv_node] I need an Elmer!

Hi Yosh,

Thanks so much for your explanation about Japan's unique system. I have been using my DONGLE without any problem. I have access to a club call sign. JA5YMJ is the Kagawa Boy Scout Council club call sign that I am a member of. I have permission to use it. In fact, we are planning to use the D-Star system for our camp and events. I understand the situation with the fixed station and the mobile station. Would the call signs be different call signs? If I used the club calls sign, would I have to register JA5YMJ with the D-Star system?

Thanks for your help.

R.T.

rtinscouts@... is my other email.
On May 12, 2014, at 2:38 PM, Yosh Todo yosh.todo@... [gmsk_dv_node] wrote:

Hi Williams

If you've registered JARL WEB, just make a talk over gateway (NOT Yamakake).
You may use auto-answer like Narayama 430. Then your Callsign JJ5ISD is listed
in file which use to syncronize JARL Server and US-Trust server.
If you wait several hours, can use JJ5ISD with your DV Dongle or other devices like that.
But in Japan, you should get Club Callsign for Node Adapter, DVAP.
Other words, 2 points like "Node Adapter + FM Transciever" and "ID-51", you have to have two callsigns like Private Call and Club Call, or Private mobile call and Private fixed station call.
sorry poor English. If available in Japanese, send email to je3hcz@....

http://todovc.blogspot.jp/p/dstarnetwork.html
http://todovc.blogspot.jp/p/saap.html

Best 73
++++++++++++++++++++
J E 3 H C Z Yosh Todo
藤 堂 善 春
Omihachiman City, JAPAN
++++++++++++++++++++

2014-05-02 15:28 GMT+09:00 "ウィリアムズR.T." <rtinscouts@...>:

Hi,

I am an American living in Japan, JJ5ISD/KK4BJF and very new to D-star completely. I have an icom id-51 and I have an icom ic-208, so decided to see if I can make this all work together as a D-Star hotspot. I am registered with D-Star in Japan, but I not clear whether I have to do some other kind of registration for the terminal ID to register the hotspot that I am trying to build. I understand that there is some need to register with a blank space after your call sign to set up the nodes...and don't even know if I can do that through the Japanese system.

In fact, I am not even sure if I am using the right lingo here. But, just got my board (Thanks, John K6JM), and having read the K6JM page about 20 times already, still feel a bit lost.

I have been reading through old posts here on the group, and am sorry that I am probably bringing up a question that has been asked. So, I want to apologize up front about that.

R.T.

JJ5ISD

11068. RE: [gmsk_dv_node] Star*Board(tm) Node Adapter using Kenwood NX 700 or NX800

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-19 11:25:26 UTC
From: Brad NK8J
Topic: 11067 Message: 11068

You cannot use a GMSK Modem board for a hotspot on a Kenwood Nextedge radio. They are 2 different types of digital signals.

Brad NK8J

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, May 19, 2014 3:58 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Star*Board(tm) Node Adapter using Kenwood NX 700 or NX800

Has anyone attempted trying to use a Kenwood nextedge NX800 or NX 700 with the Star*Board(tm) Node Adapter?

I have a NX 800 here and wanted to see if I could use it for a Hotspot?

I do know I have to program some of the ACC pins on the radio but am curious if anyone has already attempted to use one of these types of radios before?

Thanks

Don

<http://thirdpartyoffers.juno.com/TGLI3156/?u=http://newsletter.adsonar.com/nwrss/imgs/nwr_1560786_36140222_379054_2070767_4_2.PNG?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&zw=500&zh=70&v=5&url=NA&uid=>

11069. Re: [gmsk_dv_node] Star*Board(tm) Node Adapter using Kenwood NX 700 or NX800

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-19 12:14:17 UTC
From: Adrian
Topic: 11067 Message: 11069
Attachments: 2 described; binary payloads are missing from this source WARC

> Has anyone attempted trying to use a Kenwood nextedge NX800 or NX 700
> with the Star*Board(tm) Node Adapter?
>
>
>
> I have a NX 800 here and wanted to see if I could use it for a Hotspot?
>
>
>
> I do know I have to program some of the ACC pins on the radio but am
> curious if anyone has already attempted to use one of these types of
> radios before?
>
>
>
> Thanks
>
> Don
>
>

It looks possible from the pinout analogue connects, and of course the radio is used in FM (analogue not digital) mode as with most hotspot transceivers;

Adrian ... vk4tux

11070. Re: [gmsk_dv_node] Star*Board(tm) Node Adapter using Kenwood NX 700 or NX800

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-19 12:16:11 UTC
From: Adrian
Topic: 11067 Message: 11070
Attachments: 2 described; binary payloads are missing from this source WARC

```
AFO is filtered, squelched audio.
DEO is raw discriminator audio
>
>> Has anyone attempted trying to use a Kenwood nextedge NX800 or NX 700
>> with the Star*Board(tm) Node Adapter?
>>
>>
>>
>> I have a NX 800 here and wanted to see if I could use it for a Hotspot?
>>
>>
>>
>> I do know I have to program some of the ACC pins on the radio but am
>> curious if anyone has already attempted to use one of these types of
>> radios before?
>>
>>
>>
>> Thanks
>>
>> Don
>>
>>
> It looks possible from the pinout analogue connects, and of course the
> radio is used in FM (analogue not digital) mode as with most hotspot
> transceivers;
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>
>
>
>
> Adrian ... vk4tux
>
>
```

11071. Re: [gmsk_dv_node] Star*Board(tm) Node Adapter using Kenwood NX 700 or NX800

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-19 12:27:59 UTC
From: Adrian
Topic: 11067 Message: 11071
Attachments: 1 described; binary payloads are missing from this source WARC

On 05/19/2014 10:16 PM, Adrian vk4tux@... [gmsk_dv_node] wrote:
>
> AFO is filtered, squelched audio.
>

11073. RE: [gmsk_dv_node] Star*Board(tm) Node Adapter using Kenwood NX 700 or NX800

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-20 14:32:17 UTC
From: J. M. Moen
Topic: 11067 Message: 11073

The GMSK audio used by D-Star won't work if the radio has filtering or audio processing on either the in or out audio. I saw on one of Adrian's posts, for RX audio out, you'd want to use DEO, which comes directly from the discriminator.

I had trouble downloading the manual yesterday and will try again today, but I am guessing the DI pin will work for TX audio in, as long as it basically is injected directly to the modulator without filtering. That's the issue.

And as Adrian pointed out, you would put the radio into analog FM mode, not digital.

If you try this radio, please let us know how it works.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, May 19, 2014 7:23 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Star*Board(tm) Node Adapter using Kenwood NX 700 or NX800
I thought that the NX 800 would work as I can program as Analog mode and use the ACC db25 to provide the required audio out and audio IN, as long as the pins are programmed to the correct signals. How would this differ than any other analog radio. I Guess i am missing something, granted it does do Digital NXDN but it also can be setup as a Analog radio also? Comments?
–'---

11075. Can't access Dutch*Star MHS from a reasonable distance away

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-21 07:36:16 UTC
From: g7ddn@...
Topic: 11075 Message: 11075

Hi

I just know I will feel like an idiot once this is answered but here goes...

I have the latest of Fred's Mini Hotspot boards with an FT-7800 into a collinear on the roof and all is working fine when I am close by in the house.

Just 1.5 miles away however, and pretty much line of sight, the hotspot is S9+ on receive on my ID-31 but I cannot access it at all, even using 5w from the HT.

So I am thinking the squelch maybe incorrectly set up on the board? I am struggling to get my head around this COS business. What does COS stand for anyway?

There seem to be 4 pots VR3, VR4, VR5 & VR6 which are related to squelch settings. I can't find anything in the MHS manual to suggest how these should be set up.

So firstly, how do I set up the squelch and secondly, how do I set up these 4 trimpots?

Any help very gratefully received. Thanks.

Chris G7DDN

11076. RE: [gmsk_dv_node] Can't access Dutch*Star MHS from a reasonable distance away

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-21 17:27:06 UTC
From: J. M. Moen
Topic: 11075 Message: 11076

Fred’s the best one to answer your question. He’s still travelling in the US after Dayton.

From the days of analog repeaters, COS stands for Carrier Operated Switch (sometimes also COR – Carrier Operated Relay). Your board and its firmware need a way to know when there is a valid incoming transmission being received. In the earlier analog days, an FM carrier was the best way to determine this, and GMSK Modems still have the ability to use that method to decide if an incoming signal should be sent out to the internet, etc. If you want to use this hardware method of deciding, then in NAWinCFG you should check the box called COS Check.

But since we are dealing with a D-Star signal using GMSK modulation, and since your GMSK Modem has a GMSK chip, the firmware has access to a much better way of deciding what is noise and what is a valid D-Star signal. This is typically called software COS or “Soft COS”. Basically the firmware can look at the GMSK chip’s assessment of the GMSK characteristics and other things and make a better decision.

So we recommend you NOT check the COS Check box in NAWinCFG. I am not up to speed on the companion jumper settings needed on your DUTCH*Star MHS board, but typically there’s a jumper to enable or disable DCOS or Digital COS. I think on your board you should jumper SW2 to select DCOS. You want the board and the firmware to both avoid hardware COS and use soft COS instead. Enable DCOS with the jumper and uncheck the COS Check box in the firmware settings.

Jim – K6JM

PS Another problem I have seen is that when a radio is very slightly off frequency, it will still work well with strong signals, but as the signal weakens a little, it is unable to decode a perfectly good incoming D-Star signal. So you might want to check that the FT-7800 is exactly on the frequency you want. I am guessing your ID-31A is pretty much on frequency….

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, May 21, 2014 12:36 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Can't access Dutch*Star MHS from a reasonable distance away
Hi
I just know I will feel like an idiot once this is answered but here goes...
I have the latest of Fred's Mini Hotspot boards with an FT-7800 into a collinear on the roof and all is working fine when I am close by in the house.
Just 1.5 miles away however, and pretty much line of sight, the hotspot is S9+ on receive on my ID-31 but I cannot access it at all, even using 5w from the HT.
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So firstly, how do I set up the squelch and secondly, how do I set up these 4 trimpots?
Any help very gratefully received. Thanks.
Chris G7DDN

11077. RE: [gmsk_dv_node] Can't access Dutch*Star MHS from a reasonable distance away

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-21 17:51:51 UTC
From: g7ddn@...
Topic: 11075 Message: 11077

Thanks Jim for your reply and for the news on Fred.

I will have a play with some settings but I have a feeling (without checking) that the MHS is already set up as you outlined with regard to jumpers and tick boxes in software. :-)

Here in the UK we have a long weekend due to a Public Holiday on Monday so plenty of time to gather ideas and try things out I suspect! :-)

I will be interested in what Fred reveals about those 4 trim pots though!

Kind regards

Chris G7DDN

11078. Re: Can't access Dutch*Star MHS from a reasonable distance away

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-22 21:46:14 UTC
From: g7ddn@...
Topic: 11075 Message: 11078

Just an update.

Did some testing and it appears it is the FT-7800 that is the problem!

It is VERY deaf on receive! Apparently this is a known issue with this radio and clearly I now have experienced it for myself. Time to get the Yaesu serviced I guess.

I am still intrigued about how to properly align the board though, especially those 4 trimpots...

Chris G7DDN

11079. Re: Can't access Dutch*Star MHS from a reasonable distance away

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-23 10:48:20 UTC
From: fozzyone@...
Topic: 11075 Message: 11079

Hi Chris.

I had same sorta problem , ok up close How are you powering the node ? I was powering mine off the rasberry pi . I found the power was a little low causing slight problem eg, led s on node intermittently coming on.

I put node on a powered usb hub and the problem cleared immediately, worth a try if you using pc or pi for power.

Cheers
Paul

11080. Re: Can't access Dutch*Star MHS from a reasonable distance away

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-24 10:27:27 UTC
From: g7ddn@...
Topic: 11075 Message: 11080

Thanks for your reply Paul.

It turns out it was actually the FT-7800 that has gone deaf on 70 cms!

It's got to go for repair! lol

Chris G7DDN

11081. FT-2600M

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-05-31 22:45:38 UTC
From: jmsrandazzo@...
Topic: 11081 Message: 11081

HELLO GROUP i have the ft-2600m hookup to the node adapter the meonn brd that is. going into the raspberry pi trying to use my IC-2200H RADIO when i key the icom radio i can see it connect to the ft-2600m radio it trys to connect but when it does connect no sound out of bout radios {i am lost here} does any body have the setting for the ft-2600m thanks

11082. RE: [gmsk_dv_node] FT-2600M

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-06-01 09:14:36 UTC
From: Brad NK8J
Topic: 11081 Message: 11082

First of stop trying other radios and stick with what works. You have to re-adjust the moencomm board to a different radio in order for it to work properly. I told you that over the phone. You also have to make sure you have the radio set for simplex and not duplex (the 2600M). How many radios do I have to go thru with you in setting up for D-Star till you decide to leave what is already working alone?

Brad NK8J

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, May 31, 2014 3:46 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] FT-2600M

HELLO GROUP i have the ft-2600m hookup to the node adapter the meonn brd that is. going into the raspberry pi trying to use my IC-2200H RADIO when i key the icom radio i can see it connect to the ft-2600m radio it trys to connect but when it does connect no sound out of bout radios {i am lost here} does any body have the setting for the ft-2600m thanks

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<http://thirdpartyoffers.juno.com/TGLI3156/?u=http://newsletter.adsonar.com/nwrss/imgs/nwr_1560786_36140222_379054_2070767_4_2.PNG?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&zw=500&zh=70&v=5&url=NA&uid=>

11083. New file uploaded to gmsk_dv_node

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-06-04 10:49:30 UTC
From: gmsk_dv_node@yahoogroups.com
Topic: 160 Message: 11083

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the gmsk_dv_node
group.

File : /Radio Files/Kenwood/NX-700- NX-800 to GMSK Node Adapter.pdf
Uploaded by : wa6jnm <younkerd@...>
Description : Complete setup for NX-700,NX-800, TK-7160 and the TK-8160 Mobiles

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/gmsk_dv_node/files/Radio%20Files/Kenwood/NX-700-%20NX-800%20to%20GMSK%20Node%20Adapter.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

wa6jnm <younkerd@...>

11084. Complete setup for NX-700,NX-800, TK-7160 and the TK-8160 Mobiles

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-06-04 11:04:11 UTC
From: younkerd@...
Topic: 11084 Message: 11084
Attachments: 1 described; binary payloads are missing from this source WARC

NX-800 Radio is working fine with the with GMKS Node Adapter. Have uploaded the complete document with programming pictures.

The key to this radio and the other newer Kenwood Commercial radios is programming the radio's Rear AUX port to allow use of the PTT (Data), DI and the DEO in the Programming software.

When it is Programmed remember to program as a ANALOG Mode not Digital

The procedure "SHOULD" work with NX-700,NX-800, TK-7160 and the TK-8160 Mobiles as they all program very similar.

Thank You to those of you that gave Feedback when asked!

73's
Don WA6JNM

11087. ConDV on Raspi and BeagleBlack

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-06-12 19:36:49 UTC
From: Fred PA4YBR
Topic: 11055 Message: 11087

Hi all,

Uhm.... WOW. I "slightly" underestimated how many people are
watching development of D-STAR related software *blush*

So... ConDV ("Console-Mode DV Hotspot") is out, and people sure
found it! Here's some quick answers to already-often asked
questions:

1. What does it run on?
It currently runs on Linux (PC 32bit, 64bit), Linux ARM (Raspi and
BeagleBone), Windows (32b and 64b) as well on Android.

2. What? On Android???
Yes. However, for now, this requires the device to be rooted, and,
since its a console application, it runs inside a terminal window
from another app.

3. Will this be "fixed" ?
Yes. ConDV is the text-based foundation for the new GUI-based apps,
and one of those is the JavaDV app, which, as the name says, is a
"regular" Android app.

4. What does it support?
Currently, it runs with the various GMSK modem boards, with the DVAP
devices (VHF and UHF), and the DV-RPTR (V1 and V2, but V2 not really
well tested.) DVMEGA will be supported, hardware has been sent so
we'll work on that.

5. Does it speak DPlus?
Yes. It speaks DPlus, DExtra and DCS, as well as G2 callsign routing
through IrcDDB. It supports APRS-IS position forwarding.

6. CCS?
Uhm... no. At this point, the lack of proper CCS documentation, and
the general attitude of the team responsible for it, kinda makes us
wonder if we want to 'go there'.

--> If people want this to implement CCS, let us know!

7. Voice audio prompts, DTMF?
Not yet, but they will be soon.

The intention is to keep the program small and fast, so not every possible
feature will be added!

Cheers, and thanks for the support so far!

Fred

11088. Who will help me analysis of dutch-star board problem?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-06-14 01:47:53 UTC
From: bd4mcg@...
Topic: 11088 Message: 11088

I bought the PCB from the dutch-star web site, but it cannot work after assembly, computer USB can identify anddetect the firmware, but use NAWinTEST cannot read data. I use a logic analyzer read the CMX589A's RX_DATA pin,the output is very long 1010.., A lot longer than 64bit. then 110001001110000, also not defined in D-star 111011001010000. Who can teach me how to fix it?

11089. RE: [gmsk_dv_node] Who will help me analysis of dutch-star board problem?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-06-14 08:50:15 UTC
From: Fred PA4YBR
Topic: 11088 Message: 11089

Hi,

Well, the first thing I can think of is: are all components (resistors, capacitors and crystals)
in their correct places? Please take good pictures of both sides of the board, and send them
to me so I can have a look.

Use my own email address, not a reply here! :)

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, June 14, 2014 3:48 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Who will help me analysis of dutch-star board problem?

I bought the PCB from the dutch-star web site, but it cannot work after assembly, computer USB can identify anddetect the firmware, but use NAWinTEST cannot read data. I use a logic analyzer read the CMX589A's RX_DATA pin,the output is very long 1010.., A lot longer than 64bit. then 1100001001110000, also not defined in D-star 1110110010100000. Who can teach me how to fix it?

11090. Re: Raz Pi Repeater Not Working WIth ID-5100...I'll Explain

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-06-15 16:39:55 UTC
From: cal.spreitzer@...
Topic: 11055 Message: 11090

Hi David,

I have a 5100a as well and have the exact same issue receiving another local ham's hotspot that's running a Moen Board. I haven't been able to get up with the local hotspot owner to try any adjustments yet.

I have just placed an order for a Moen Board myself so when it arrives I will attempt to set up my own hotspot. I will try and do the initial setup with the board using the 5100a. I'll let you know how it goes next week. Fingers crossed....

73

Cal/N3CAL

11091. Poor service

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-06-19 09:20:20 UTC
From: michaelgeorgefreeman@...
Topic: 11091 Message: 11091

Hi from Mike G8YYW ,has any one had the same trouble as me with kits for gmsk modems Ie mini hot spot board

not being received after approx 1 month

No response to emails from Fred PA4YBR

I think this is Poor Service to the Dutch Star Community

Thanks Mike

11092. vocore

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-06-20 08:51:44 UTC
From: ea8ee
Topic: 11092 Message: 11092

https://www.indiegogo.com/projects/vocore-a-coin-sized-linux-computer-with-wifi

11093. Re: [gmsk_dv_node] Digest Number 1561

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-06-21 01:29:33 UTC
From: Bernard Griggs
Topic: 11093 Message: 11093

I had a few questions a year or so ago about the kits and he never responded then either. I can understand being busy and swamped but there is such a thing as common courtesy. That is one reason why I haven't taken the plunge and gotten into D-Star yet.

Neal KC4YCM

On Friday, June 20, 2014 4:22 AM, "gmsk_dv_node@yahoogroups.com" <gmsk_dv_node@yahoogroups.com> wrote:

There is 1 message in this issue.

Topics in this digest:

1. Poor service
    From: michaelgeorgefreeman

Message

---

1. Poor service
    Posted by: michaelgeorgefreeman@... michaelgeorgefreeman
    Date: Thu Jun 19, 2014 2:20 am ((PDT))

Hi from Mike G8YYW ,has any one had the same trouble as me with kits for gmsk modems Ie mini hot spot board

not being received after approx 1 month

No response to emails from Fred PA4YBR

I think this is Poor Service to the Dutch Star Community

Thanks Mike

Messages in this topic (1)

Questions? Check out our Frequently Asked Questions: http://www.gmskdvnode.info/

Yahoo Groups Links

11094. Re: [gmsk_dv_node] Digest Number 1561

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-06-21 02:46:50 UTC
From: Erwin Bejsta
Topic: 11093 Message: 11094

Hi,
I purchased a couple of Star*Boards from Jim Moen and his customer service
and email response was outstanding.

I can highly recommend Jim's Moencomm boards.

Erwin VK3ERW

On 21 June 2014 11:29, Bernard Griggs spikej30141@... [gmsk_dv_node] <
gmsk_dv_node@yahoogroups.com> wrote:

>
>
> I had a few questions a year or so ago about the kits and he never
> responded then either. I can understand being busy and swamped but there
> is such a thing as common courtesy. That is one reason why I haven't taken
> the plunge and gotten into D-Star yet.
>
> Neal KC4YCM
>
>
> On Friday, June 20, 2014 4:22 AM, "gmsk_dv_node@yahoogroups.com" <
> gmsk_dv_node@yahoogroups.com> wrote:
>
>
>
> There is 1 message in this issue.
>
> Topics in this digest:
>
> 1. Poor service
> From: michaelgeorgefreeman
>
>
> Message
> ____
> 1. Poor service
> Posted by: michaelgeorgefreeman@... michaelgeorgefreeman
> Date: Thu Jun 19, 2014 2:20 am ((PDT))
>
> Hi from Mike G8YYW ,has any one had the same trouble as me with kits for
> gmsk modems Ie mini hot spot board
>
> not being received after approx 1 month
>
> No response to emails from Fred PA4YBR
>

> I think this is Poor Service to the Dutch Star Community
>
>
> Thanks Mike
>
>
>
>
>
>
> Messages in this topic (1)
>
>
>
> Questions? Check out our Frequently Asked Questions:
> http://www.gmskdvnode.info/
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> Yahoo Groups Links
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11095. Re: [gmsk_dv_node] Digest Number 1561

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-06-21 03:33:38 UTC
From: rogerk78@yahoo.com.au
Topic: 11093 Message: 11095

I'll second that. The support provided on here is good. Fred and Jim get quite a lot of enquiries so if they've missed you it's only due to some human error... That's all. I myself have never run into any problems with my set up but I do subscribe to the updates in this group via email to keep in the loop with developments.

Roger
VK2VRK

Sent from Yahoo!7 Mail on Android

11096. RE: [gmsk_dv_node] Digest Number 1561

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-06-21 04:08:14 UTC
From: Brad NK8J
Topic: 11093 Message: 11096

What questions do you Have Neil?

Brad NK8J

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Friday, June 20, 2014 6:30 PM
To: No Reply; gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Digest Number 1561

I had a few questions a year or so ago about the kits and he never responded
then either. I can understand being busy and swamped but there is such a
thing as common courtesy. That is one reason why I haven't taken the plunge
and gotten into D-Star yet.

Neal KC4YCM

On Friday, June 20, 2014 4:22 AM, "gmsk_dv_node@yahoogroups.com"
<gmsk_dv_node@yahoogroups.com> wrote:

There is 1 message in this issue.

Topics in this digest:

1. Poor service
From: michaelgeorgefreeman

Message

_____
1. Poor service
Posted by: michaelgeorgefreeman@... michaelgeorgefreeman
Date: Thu Jun 19, 2014 2:20 am ((PDT))

Hi from Mike G8YYW ,has any one had the same trouble as me with kits for
gmsk modems Ie mini hot spot board

not being received after approx 1 month

No response to emails from Fred PA4YBR

I think this is Poor Service to the Dutch Star Community

Thanks Mike

Messages in this topic (1)

Questions? Check out our Frequently Asked Questions:
http://www.gmskdvnode.info/

Yahoo Groups Links

<http://thirdpartyoffers.juno.com/TGLI3156/?u=http://newsletter.adsonar.com/nwrss/imgs/nwr_1560786_36140222_379054_2070767_4_2.PNG?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&zw=500&zh=70&v=5&url=NA&uid=>

11097. RE: [gmsk_dv_node] Digest Number 1561

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-06-21 21:48:04 UTC
From: spikej30141@...
Topic: 11093 Message: 11097

I had posted this back in 2011 about the DV-1 board on the Dutch Star website:

Does anyone know the status of the DV-1 boards from the Dutch-star website? Last update listed was in February of this year with a software update. There have been no status updates of the board constructions that I can find. I am interested in purchasing a node adapter board and DV-1 board when available.

But I never got a reply here or to any email I sent. At the time, the boards were already finished and in beta testing but nothing after that.

Neal KC4YCM

11098. RE: [gmsk_dv_node] Digest Number 1561

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-06-22 17:46:14 UTC
From: john@...
Topic: 11093 Message: 11098

Neal,

What is your application. There are a few AMBE boards out now.

Bruce produces an AMBE2020 board dvrptr.net .:. The original DVRPTR V1 now from North America http://dvrptr.net/main.html

http://dvrptr.net/main.html

dvrptr.net .:. The original DVRPTR V1 now from Nort... http://dvrptr.net/main.html The original DVRPTR V1, Reliable, low-price solution for building D-STAR hotspots, repeaters and stand-alone repeaters

View on dvrptr.net http://dvrptr.net/main.html
Preview by Yahoo

Robin has a product using AMBE3000 (I don't have a link)

NW Digital Radio has the DV3000 for the Pi (I am affiliated with this company)

DV3000 http://nwdigitalradio.com/product/dv3000

http://nwdigitalradio.com/product/dv3000

DV3000 http://nwdigitalradio.com/product/dv3000 AMBE Vocoder

View on nwdigitalradio.com http://nwdigitalradio.com/product/dv3000
Preview by Yahoo

NW Digital Radio » Category » dv3000 http://nwdigitalradio.com/category/dv3000

NW Digital Radio » Category » dv3000 http://nwdigitalradio.com/category/dv3000 The UDR supports an optional AMBE Vocoder card for D-STAR Digital Voice or DV.

View on nwdigitalradio.com http://nwdigitalradio.com/category/dv3000
Preview by Yahoo

DE K7VE

11099. Re: Raz Pi Repeater Not Working WIth ID-5100...I'll Explain

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-06-23 22:46:28 UTC
From: cal.spreitzer@...
Topic: 11055 Message: 11099

Thanks for posting the info on removing R6. I just finished setting up my hotspot over the weekend and my 5100 would not receive initially until I removed R6 and bridged. Now everything is fine and all radios are working great! Thanks again.

73

Cal/N3CAL

11100. Re: [gmsk_dv_node] ConDV on Raspi and BeagleBlack

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-06-13 16:28:32 UTC
From: KC2IDB
Topic: 11055 Message: 11100

Thanks Fred for the rundown.. Where can the android app be found?

Thanks
Ken
KC2IDB

On Jun 12, 2014 3:36 PM, "'Fred PA4YBR' fred@dutch-star.eu [gmsk_dv_node]"
<gmsk_dv_node@yahoogroups.com> wrote:

Hi all,

Uhm.... WOW. I "slightly" underestimated how many people are
watching development of D-STAR related software *blush*

So... ConDV ("Console-Mode DV Hotspot") is out, and people sure
found it! Here's some quick answers to already-often asked
questions:

1. What does it run on?
It currently runs on Linux (PC 32bit, 64bit), Linux ARM (Raspi and
BeagleBone), Windows (32b and 64b) as well on Android.

2. What? On Android???
Yes. However, for now, this requires the device to be rooted, and,
since its a console application, it runs inside a terminal window
from another app.

3. Will this be "fixed" ?
Yes. ConDV is the text-based foundation for the new GUI-based apps,
and one of those is the JavaDV app, which, as the name says, is a
"regular" Android app.

4. What does it support?
Currently, it runs with the various GMSK modem boards, with the DVAP
devices (VHF and UHF), and the DV-RPTR (V1 and V2, but V2 not really
well tested.) DVMEGA will be supported, hardware has been sent so
we'll work on that.

5. Does it speak DPlus?
Yes. It speaks DPlus, DExtra and DCS, as well as G2 callsign routing
through IrcDDB. It supports APRS-IS position forwarding.

6. CCS?
Uhm... no. At this point, the lack of proper CCS documentation, and
the general attitude of the team responsible for it, kinda makes us
wonder if we want to 'go there'.

--> If people want this to implement CCS, let us know!

7. Voice audio prompts, DTMF?
Not yet, but they will be soon.

The intention is to keep the program small and fast, so not every possible feature will be added!

Cheers, and thanks for the support so far!

Fred

11101. RE: [gmsk_dv_node] Digest Number 1561

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-06-24 22:56:43 UTC
From: spikej30141@...
Topic: 11093 Message: 11101

I was looking at a way to add D-Star via a dongle or external board to my analog dual band but will probably save my pennies for a HT since our local club is putting up both 2m and 70cm D-Star repeaters. The 2m will be going up first probably since we already have an antenna and duplexer for 2m. Which reminds me I need to retune it for the pair we were assigned.

Neal KC4YCM

11102. RE: [gmsk_dv_node] Digest Number 1561

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-06-24 23:37:03 UTC
From: Kent Hufford
Topic: 11093 Message: 11102

IF the analog dual band has a 9600 baud packet connector on the back.

You can plug in a Moen STAR board and hook it to PC or Raspberry pi software and make it a DSTAR hot spot.

Add a DVDONGLE and a headset/mic and you can make it into a real DSTAR transceiver. But you have to use the headset/mic from the computer.

http://moencomm.com/

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, June 24, 2014 10:57 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Digest Number 1561

I was looking at a way to add D-Star via a dongle or external board to my analog dual band but will probably save my pennies for a HT since our local club is putting up both 2m and 70cm D-Star repeaters. The 2m will be going up first probably since we already have an antenna and duplexer for 2m. Which reminds me I need to retune it for the pair we were assigned.

Neal KC4YCM

11103. Re: Poor service

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-06-27 17:40:46 UTC
From: rohoy@...
Topic: 11091 Message: 11103

Yes, I have the same problem, I ordered a modem, paid it and from that time on I have nothing heard from him. He doesnt respont to e-mails, it is not possible to get in contact with him.
Very poor service, indeed.

73 de DL1EA, Rolf.

11104. RE: [gmsk_dv_node] Re: Poor service

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-06-27 17:50:08 UTC
From: Kent Hufford
Topic: 11091 Message: 11104

Who is “him”?

Kent

KQ4KK

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Friday, June 27, 2014 5:41 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Poor service

Yes, I have the same problem, I ordered a modem, paid it and from that time on I have nothing heard from him. He doesnt respont to e-mails, it is not possible to get in contact with him.
Very poor service, indeed.

73 de DL1EA, Rolf.

11105. RE: [gmsk_dv_node] Re: Poor service

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-06-27 18:09:44 UTC
From: rohoy@...
Topic: 11091 Message: 11105

Oh yes, sorry," him " is PA4YBR.

73 de DL1EA.

11106. ID51 - no audio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-06-28 10:55:26 UTC
From: w4kjp@...
Topic: 11106 Message: 11106

Hello all

First of all I want to say I have learned a lot from this group just by reading the posts so I want to thank everyone. I have had a moen starboard for awhile now that I use with a FT1500M, and WinDV for a hotspot from my mobile

11107. Re: ID51 - no audio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-06-28 11:05:40 UTC
From: w4kjp@...
Topic: 11106 Message: 11107

sorry the send button got pushed!!!

I have a ID-880 in the jeep and it works great with the hotspot. I just picked up a ID51 and I can see the signal but I can not hear the audio. Does anyone have any ideas? Thanks

Kevin - W4KJP

11108. RE: [gmsk_dv_node] Re: ID51 - no audio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-06-28 14:07:07 UTC
From: Brad NK8J
Topic: 11106 Message: 11108

Yes you said you are running the MoenComm Star Board with the ID-51. Same thing I am running. You must adjust the TX pot to allow the audio to pass to the 51. The 51 has a tighter Filtering system in it.

Brad NK8J

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, June 28, 2014 4:06 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: ID51 - no audio

sorry the send button got pushed!!!

I have a ID-880 in the jeep and it works great with the hotspot. I just picked up a ID51 and I can see the signal but I can not hear the audio. Does anyone have any ideas? Thanks

Kevin - W4KJP

_____
<http://thirdpartyoffers.juno.com/TGLI3156/?u=http://newsletter.adsonar.com/nwrss/imgs/nwr_1560786_36140222_379054_2070767_4_2.PNG?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&zw=500&zh=70&v=5&url=NA&uid=>

11109. Re: [gmsk_dv_node] Re: ID51 - no audio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-06-28 14:59:18 UTC
From: Kevin Paus
Topic: 11106 Message: 11109

Thanks I will give that a try.

Kevin W4KJP

Sent from my iPhone

> On Jun 28, 2014, at 10:07 AM, "'Brad NK8J' nk8j@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:
>
> Yes you said you are running the MoenComm Star Board with the ID-51. Same thing I am running. You must adjust the TX pot to allow the audio to pass to the 51. The 51 has a tighter Filtering system in it.
>
>
>
> Brad NK8J
>
>
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
> Sent: Saturday, June 28, 2014 4:06 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Re: ID51 - no audio
>
>
>
>
>
> sorry the send button got pushed!!!
>
> I have a ID-880 in the jeep and it works great with the hotspot. I just picked up a ID51 and I can see the signal but I can not hear the audio. Does anyone have any ideas? Thanks
>
> Kevin - W4KJP
>
>
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>
> --
>
>
>

11110. Re: Poor service

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-06-28 16:15:54 UTC
From: Westyh
Topic: 11091 Message: 11110

I have had great service from Fred over the last couple of years that I have been learning about Digital.

73 de Herman
VK7HW

Amateur Radio - It is a hobby not a job.

Sent from my iPhone

11111. Re: [gmsk_dv_node] Re: Poor service

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-06-28 20:03:35 UTC
From: Donald Jacob
Topic: 11091 Message: 11111

Fred has always given great service.
Did you pay via PayPal? If so have you received a confirmation of your payment?
Have sent inquires to Fred?
How long ago didyou order it?
Don
WB5EKU
On Jun 28, 2014 9:16 AM, "Westyh westyh@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

>
>
> I have had great service from Fred over the last couple of years that I
> have been learning about Digital.
>
> 73 de Herman
> VK7HW
>
> Amateur Radio - It is a hobby not a job.
>
> Sent from my iPhone
>
>

11112. RE: [gmsk_dv_node] Re: Poor service

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-06-30 16:39:03 UTC
From: Fred PA4YBR
Topic: 11091 Message: 11112

Hi all,

"Him" is me, probably. I already apologized to Mike in private email last night, and sent his package on its way. Other orders, too.

Why, what is going on?

Well, actually, I am right in the middle of an international move to the U.S., and, as you can imagine, that takes a LOT of time and energy!

By next week, things "should" be going back to semi-normal for a while again, where I can process orders on a daily basis again, and when it's time to actually board the plane, I will post a message on the website indicating we're 'closed' for a short while. This is probably going to be August-September.

So, everyone relax, nobody is getting scammed here!

I will reply to other customers in private email after sending this.

Regards,

Fred-with-many-boxes ! :(

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Friday, June 27, 2014 7:50 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: Poor service

Who is "him"?

Kent

KQ4KK

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Friday, June 27, 2014 5:41 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Poor service

Yes, I have the same problem, I ordered a modem, paid it and from that time on I have nothing heard from him. He doesnt respont to e-mails, it is not possible to get in contact with him.
Very poor service, indeed.

73 de DL1EA, Rolf.

11113. RE: [gmsk_dv_node] Re: Poor service

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-06-30 16:40:06 UTC
From: Fred PA4YBR
Topic: 11091 Message: 11113

Hi Don,

Yes, he has paid, but in all the moving-boxes-around I seem to have messed up several orders, see previous message!

Regards,

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, June 28, 2014 10:04 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Re: Poor service

Fred has always given great service.
Did you pay via PayPal? If so have you received a confirmation of your payment?
Have sent inquires to Fred?
How long ago didyou order it?
Don
WB5EKU

On Jun 28, 2014 9:16 AM, "Westyh westyh@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

I have had great service from Fred over the last couple of years that I have been learning about Digital.

73 de Herman
VK7HW

Amateur Radio - It is a hobby not a job.

Sent from my iPhone

11114. Re: [gmsk_dv_node] Re: Poor service

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-06-30 16:48:11 UTC
From: John Hansen
Topic: 11091 Message: 11114

Wow! Welcome to the States. What part of the country are you headed to?

John W2FS

On Mon, Jun 30, 2014 at 12:39 PM, 'Fred PA4YBR' fred@dutch-star.eu
[gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

>
>
> Hi all,
>
> "Him" is me, probably. I already apologized to Mike in private
> email last night, and sent his package on its way. Other orders,
> too.
>
> Why, what is going on?
>
> Well, actually, I am right in the middle of an international move to
> the U.S., and, as you can imagine, that takes a LOT of time and
> energy!
>
> By next week, things "should" be going back to semi-normal for
> a while again, where I can process orders on a daily basis again,
> and when it's time to actually board the plane, I will post a message
> on the website indicating we're 'closed' for a short while. This is
> probably going to be August-September.
>
> So, everyone relax, nobody is getting scammed here!
>
> I will reply to other customers in private email after sending this.
>
> Regards,
>
> Fred-with-many-boxes ! :(
>
>
> ------------------------------
> *From:* gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
>
> *Sent:* Friday, June 27, 2014 7:50 PM
> *To:* gmsk_dv_node@yahoogroups.com
> *Subject:* RE: [gmsk_dv_node] Re: Poor service
>
>
>
> Who is “him”?

>
> Kent
>
> KQ4KK
>
> *From:* gmsk_dv_node@yahoogroups.com [mailto:
> gmsk_dv_node@yahoogroups.com]
> *Sent:* Friday, June 27, 2014 5:41 PM
> *To:* gmsk_dv_node@yahoogroups.com
> *Subject:* [gmsk_dv_node] Re: Poor service
>
>
>
> Yes, I have the same problem, I ordered a modem, paid it and from that
> time on I have nothing heard from him. He doesnt respont to e-mails, it is
> not possible to get in contact with him.
> Very poor service, indeed.
>
> 73 de DL1EA, Rolf.
>
>
>

11115. RE: [gmsk_dv_node] Re: Poor service

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-06-30 16:50:15 UTC
From: Fred PA4YBR
Topic: 11091 Message: 11115

Northern Indiana, John !

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, June 30, 2014 6:48 PM
To: gmsk_dv_node
Subject: Re: [gmsk_dv_node] Re: Poor service

Wow! Welcome to the States. What part of the country are you headed to?

John W2FS

On Mon, Jun 30, 2014 at 12:39 PM, 'Fred PA4YBR' fred@...
[gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

Hi all,

"Him" is me, probably. I already apologized to Mike in private
email last night, and sent his package on its way. Other orders,
too.

Why, what is going on?

Well, actually, I am right in the middle of an international move to
the U.S., and, as you can imagine, that takes a LOT of time and
energy!

By next week, things "should" be going back to semi-normal for
a while again, where I can process orders on a daily basis again,
and when it's time to actually board the plane, I will post a message
on the website indicating we're 'closed' for a short while. This is
probably going to be August-September.

So, everyone relax, nobody is getting scammed here!

I will reply to other customers in private email after sending this.

Regards,

Fred-with-many-boxes ! :(

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Friday, June 27, 2014 7:50 PM
To: gmsk_dv_node@yahoogroups.com

Subject: RE: [gmsk_dv_node] Re: Poor service

Who is "him"?

Kent

KQ4KK

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Friday, June 27, 2014 5:41 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Poor service

Yes, I have the same problem, I ordered a modem, paid it and from that time on I have nothing heard from him. He doesnt respont to e-mails, it is not possible to get in contact with him.
Very poor service, indeed.

73 de DL1EA, Rolf.

11119. Tools for Blind Hams

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-07-01 16:42:18 UTC
From: J. M. Moen
Topic: 11119 Message: 11119

I got an interesting email recently from a totally blind ham. He has an ID-51A which he uses to access a local repeater. Though he's pleased that it can talk to him (speak callsigns, frequency, etc.), he points out that the menu system is not really accessible to him, since the radio does not generate voice prompts when setting the menu. So he can't really make use of the 51A's advanced features for linking to repeaters and reflectors, etc.

Attached is my response to him, but I'd like to ask this group the general question of what tools you may be familiar with that can help blind D-Star hams. I am embarrassed to admit that I have not taken the time to learn what's available, so I am hoping others can educate me.

Jim - K6JM

Here's my response to the question:

One approach would be to forget about your local repeater and build yourself a Hotspot. There are various Hotspot apps, and some are more suitable for blind hams than others. Probably the simplest is the new ConDV. It is not a GUI program. It uses line by line or console mode. To link to a reflector, you enter L, then enter the reflector, such as REF001_C. To unlink, you enter U. Since the program is console mode, I believe it will be easy to use a text to speech program with it. However, I have never done that.

ConDV is from DUTCH*Star. It works with GMSK Modems and analog radios. It also works with DVAPs. To be honest, setting up a DVAP is easier than setting up a Hotspot because there are fewer cables and adjustments.

So ideally, you could buy a DVAP, but instead of using the normal software called DVAPTool, you could use ConDV instead. Don't get me wrong, I would be happy to sell you a GMSK Modem, but the DVAP might be easier to get going.

Bottom line -- I recommend using the ConDV program with a DVAP, or a GMSK Modem plus analog radio. I will be happy to answer questions and help in any way I can, and it is not important that you buy anything from me.

11120. Re: [gmsk_dv_node] Tools for Blind Hams

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-07-02 09:26:40 UTC
From: Adrian
Topic: 11119 Message: 11120

Blind hams like Barry VK6SP find the dashboard linking feature very
useful, especially as the browser is so compatible with the 'jaws' program.

http://vk6sp.ddns.net:82/

73

Adrian ... vk4tux

On 02/07/14 02:42, 'J. M. Moen' jim@... [gmsk_dv_node] wrote:
>
> I got an interesting email recently from a totally blind ham.He has an
> ID-51A which he uses to access a local repeater. Though he's pleased
> that it can talk to him (speak callsigns, frequency, etc.), he points
> out that the menu system is not really accessible to him, since the
> radio does not generate voice prompts when setting the menu.So he
> can't really make use of the 51A's advanced features for linking to
> repeaters and reflectors, etc.
>
> Attached is my responseto him, but I'd like to ask this group the
> general question of what tools you may be familiar with that can help
> blind D-Star hams. I am embarrassed to admit that I have not taken
> the time to learn what's available, so Iamhoping others can educate me.
>
> Jim -- K6JM
>
> Here's my responseto the question:
>
> One approach would be to forget about your local repeater and build
> yourself a Hotspot. There are various Hotspot apps, and some are more
> suitable for blind hams than others. Probably the simplest is the new
> ConDV. It is not a GUI program. It uses line by line or console
> mode. To link to a reflector, you enter L, then enter the reflector,
> such as REF001_C. To unlink, you enter U. Since the program is
> console mode, I believe it will be easy to use a text to speech
> program with it. However, I have never done that.
>
> ConDV is from DUTCH*Star. It works with GMSK Modems and analog
> radios. It also works with DVAPs. To be honest, setting up a DVAP is
> easier than setting up a Hotspot because there are fewer cables and
> adjustments.
>
> So ideally, you could buy a DVAP, but instead of using the normal
> software called DVAPTool, you could use ConDV instead. Don't get me
> wrong, I would be happy to sell you a GMSK Modem, but the DVAP might
> be easier to get going.

>
> Bottom line -- I recommend usingtheConDV program with a DVAP, or a
> GMSK Modem plus analog radio. I will be happy to answer questions and
> help in any way I can, and it is not important that you buy anything
> from me.
>
>
> ---
> Posted by: "J. M. Moen" <jim@...>
> ---
> <https://groups.yahoo.com/neo/groups/gmsk_dv_node/conversations/messages/11119;_ylc=X3oD
MTJybWM5Z2twBF9TAzk3MzU5NzE0BGdycElkAzIzMzc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAMxMTExOQ
RzZWMDZnRyBHNsawNycGx5BHN0aW1lAzE0MDQyMzI5MzQ-?act=reply&messageNum=11119>
>
>
>
>
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>
>
>
>

11121. Poor Service Resolved

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-07-03 12:30:12 UTC
From: michaelgeorgefreeman@...
Topic: 11121 Message: 11121

Thanks Fred for finding and sending my order

received today 3//7/14

We got there in the end

thanks Mike G8YYW

11122. Pi Images and ConDV?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-07-08 20:31:09 UTC
From: J. M. Moen
Topic: 11122 Message: 11122

I've been having a lot of fun playing with the new DUTCH*Star ConDV program on my Raspberry Pi. It is easy to use, and it has been running for many days without problems. I ordered an Adafruit LCD plate with buttons and installed that on my Pi, and ConDV does a great job of displaying callsigns, user text, etc. while operating.

There are several really good image files available to make it easy to set up a Hotspot using a DV Modem with a Pi. I have used the one from Brian GW6WTK, who leverages the packages created by Hans DL5DI. These have Linux configured and the G4KLX programs loaded and partially configured, waiting for your callsign. I have documented how to use this on a page called "Configuring the Raspberry Pi using a GMSK Modem and G4KLX software" at http://www.k6jm.com/hs-piconfigG4KLX.htm .

Adrian VK4TUX has gone a step further and has an image using PiDora, a Fedora-style distro for the Pi, and with G4KLX programs installed. He has added several nice extras, like a web-based Dashboard.

Ramesh VU3UV has an image for the Pi with FreeStar loaded. It comes with very nice documentation. There are others out there also.

With the new ConDV now being used, I was thinking it would be nice if a Pi image file were available with ConDV installed. In fact, ConDV is very easy to install, but even for those more experienced with Linux, it is nice to save some time and employ an image file that's almost ready to go.

So I was thinking of leveraging Brian's image, adding ConDV, and republishing that. To keep things simple, it would probably keep the G4KLX programs and simply add ConDV.

I would, of course, provide info on a web page to make it as easy as possible to get going.

Is there any interest in something like this?

Jim - K6JM _._,___

11123. Re: [gmsk_dv_node] Pi Images and ConDV?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-07-08 23:10:40 UTC
From: Roger Kolodziej
Topic: 11122 Message: 11123

Anything where we have more flexibilities with software is ALWAYS welcome!

Roger VK2VRK

On Wednesday, 9 July 2014 6:32 AM, "'J. M. Moen' jim@k6jm.com [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

I've been having a lot of fun playing withthe new DUTCH*StarConDVprogramon my Raspberry Pi. It is easy to use, and it has been running for many days without problems. I ordered an Adafruit LCD plate with buttons and installed that on my Pi, and ConDV does a great job of displaying callsigns, user text, etc.while operating.
There are several really good image files available to make it easy to set up aHotspot using a DV Modemwitha Pi. I have used the one from Brian GW6WTK, who leverages the packages created byHans DL5DI. These have Linux configured and the G4KLX programs loaded and partially configured, waiting for your callsign. I have documented how to use this on a page called"Configuringthe Raspberry Pi using a GMSK Modem and G4KLX software" athttp://www.k6jm.com/hs-piconfigG4KLX.htm.
Adrian VK4TUX has gone a step further andhas an image using PiDora, a Fedora-style distro for the Pi, and with G4KLX programs installed. He has added several nice extras, like a web-based Dashboard.
Ramesh VU3UV has an image for the Pi with FreeStar loaded. It comes with very nice documentation. There are others out there also.
With the new ConDV now being used, I was thinking it would be nice if a Pi image file were available with ConDV installed. In fact, ConDV is very easy to install, but even for those more experienced with Linux, it is nice to save some time and employ an image file that's almost ready to go.
So I was thinking of leveraging Brian's image, adding ConDV, and republishing that. To keep things simple, it would probably keep the G4KLX programs and simply add ConDV.
I would, of course, provide info on a web page to make it as easy as possible to get going.
Is there any interestin something like this?
    Jim – K6JM_._,___

11124. Connecting to XRF Reflectors

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-07-09 13:14:24 UTC
From: Jeremy J Barbouttis
Topic: 1242 Message: 11124

Adrian,

Just a quick question - I hope you don’t mind.

I am having problems connecting to XRF Reflectors.

It says I am "linking to XRF005B" and I shows up on their Dashboard, e.g., XRF005B, as linked.

On my dashboard, it shows nothing it linked.

And my keying up doesn’t show. It’s like a half link.

Ive tried a couple of times. Is there anything I need to do?

73s

Jeremy
VK2MJM
CCS Code: 9755

11125. Re: [gmsk_dv_node] Connecting to XRF Reflectors

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-07-09 13:19:37 UTC
From: Adrian
Topic: 1242 Message: 11125

What is the login IP there now Jeremy. I will take a look ?

On 09/07/14 23:14, Jeremy J Barbouttis vk2mjm@... [gmsk_dv_node]
wrote:
>
> Adrian,
>
>
>
> Just a quick question - I hope you don?t mind.
>
> I am having problems connecting to XRF Reflectors.
>
> It says I am "linking to XRF005B" and I shows up on their Dashboard,
> e.g., XRF005B, as linked.
>
> On my dashboard, it shows nothing it linked.
>
> And my keying up doesn?t show. It?s like a half link.
>
> Ive tried a couple of times. Is there anything I need to do?
>
>
> 73s
>
> Jeremy
> VK2MJM
> CCS Code: 9755
>
>
>
>
>

11126. Re: [gmsk_dv_node] Connecting to XRF Reflectors

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-07-09 13:31:46 UTC
From: Jeremy J Barbouttis
Topic: 1242 Message: 11126

Thanks Adrian,

My IP: 220.233.10.100

The Pi’s IP Address: 192.168.1.12

Regards,

73s

Jeremy
VK2MJM
CCS Code: 9755

On 9 Jul 2014, at 11:19 pm, Adrian vk4tux@... [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com> wrote:

> What is the login IP there now Jeremy. I will take a look ?
>
>
> On 09/07/14 23:14, Jeremy J Barbouttis vk2mjm@... [gmsk_dv_node] wrote:
>>
>> Adrian,
>>
>>
>>
>> Just a quick question - I hope you don’t mind.
>>
>> I am having problems connecting to XRF Reflectors.
>>
>> It says I am "linking to XRF005B" and I shows up on their Dashboard, e.g., XRF005B, as
linked.
>>
>> On my dashboard, it shows nothing it linked.
>>
>> And my keying up doesn’t show. It’s like a half link.
>>
>> Ive tried a couple of times. Is there anything I need to do?
>>
>>
>>
>> 73s
>>
>> Jeremy
>> VK2MJM
>> CCS Code: 9755
>>
>>

>>
>>
>
>
>

11127. RE: [gmsk_dv_node] Pi Images and ConDV?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-07-09 14:23:04 UTC
From: EA1CI J. Ángel - Ourense
Topic: 11122 Message: 11127

Thank you Jim for shareing your thoughts and information.
We´ll surely test something at any time.

73.
Ángel - EA1CI

To: gmsk_dv_node@yahoogroups.com
From: gmsk_dv_node@yahoogroups.com
Date: Tue, 8 Jul 2014 13:31:09 -0700
Subject: [gmsk_dv_node] Pi Images and ConDV?

I’ve been having a lot of fun playing with the new DUTCH*Star ConDV program on my Raspberry Pi. It is easy to use, and it has been running for many days without problems. I ordered an Adafruit LCD plate with buttons and installed that on my Pi, and ConDV does a great job of displaying callsigns, user text, etc. while operating.

There are several really good image files available to make it easy to set up a Hotspot using a DV Modem with a Pi. I have used the one from Brian GW6WTK, who leverages the packages created by Hans DL5DI. These have Linux configured and the G4KLX programs loaded and partially configured, waiting for your callsign. I have documented how to use this on a page called “Configuring the Raspberry Pi using a GMSK Modem and G4KLX software” at http://www.k6jm.com/hs-piconfigG4KLX.htm .

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Ramesh VU3UV has an image for the Pi with FreeStar loaded. It comes with very nice documentation. There are others out there also.

With the new ConDV now being used, I was thinking it would be nice if a Pi image file were available with ConDV installed. In fact, ConDV is very easy to install, but even for those more experienced with Linux, it is nice to save some time and employ an image file that’s almost ready to go.

So I was thinking of leveraging Brian’s image, adding ConDV, and republishing that. To keep things simple, it would probably keep the G4KLX programs and simply add ConDV.

I would, of course, provide info on a web page to make it as easy as possible to get going.

Is there any interest in something like this?

Jim – K6JM _._,___

11128. Re: [gmsk_dv_node] Connecting to XRF Reflectors

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-07-09 14:52:47 UTC
From: Adrian
Topic: 1242 Message: 11128

```
On 09/07/14 23:31, Jeremy J Barbouttis vk2mjm@... [gmsk_dv_node]
wrote:
>
> Thanks Adrian,
>
>
>
Ok the solution with your 30001 block is using a script called
hotspot.sh on Pidora 20, , ;

[root@raspi etc]# nano /usr/bin/openhost.sh
[root@raspi etc]# openhost.sh
--2014-07-10 00:39:55-- http://vk4tux.no-ip.org/DExtra_Hosts.txt
Resolving vk4tux.no-ip.org (vk4tux.no-ip.org)... 121.223.75.106
Connecting to vk4tux.no-ip.org (vk4tux.no-ip.org)|121.223.75.106|:80...
connected.
HTTP request sent, awaiting response... 200 OK
Length: 24653 (24K) [text/plain]
Saving to: 'DExtra_Hosts.txt'

100%[======================================>] 24,653 104KB/s in 0.2s

2014-07-10 00:40:11 (104 KB/s) - 'DExtra_Hosts.txt' saved [24653/24653]

--2014-07-10 00:40:11-- http://vk4tux.no-ip.org/DPlus_Hosts.txt
Resolving vk4tux.no-ip.org (vk4tux.no-ip.org)... 121.223.75.106
Connecting to vk4tux.no-ip.org (vk4tux.no-ip.org)|121.223.75.106|:80...
connected.
HTTP request sent, awaiting response... 200 OK
Length: 12779 (12K) [text/plain]
Saving to: 'DPlus_Hosts.txt'

100%[======================================>] 12,779 --.-K/s in 0.1s

2014-07-10 00:40:26 (114 KB/s) - 'DPlus_Hosts.txt' saved [12779/12779]

Redirecting to /bin/systemctl restart ircddbgateway.service
host files updated
[root@raspi etc]# linkto xrf005_b
xrf005_b
remotecontrold: command accepted by the gateway/starnetserver
[root@raspi etc]# cd /var/log
[root@raspi log]# ls
anaconda ircDDBGateway-2014-06-25.log php-fpm
audit ircDDBGateway-2014-06-26.log pm-powersave.log
btmp ircDDBGateway-2014-06-27.log ppp
chrony ircDDBGateway-2014-06-28.log prelink
```

```
ConsoleKit ircDDBGateway-2014-06-29.log README
cron ircDDBGateway-2014-06-30.log secure
dstar ircDDBGateway-2014-07-01.log spooler
DStarRepeater-2014-06-28.log ircDDBGateway-2014-07-02.log sssd
DStarRepeater-2014-07-01.log ircDDBGateway-2014-07-09.log STARnet.log
DStarRepeater-2014-07-02.log journal tallylog
DStarRepeater-2014-07-09.log lastlog wtmp
firewalld lightdm Xorg.0.log
ham lighttpd Xorg.0.log.old
Headers.log Links.log Xorg.9.log
ircDDBGateway-2014-02-25.log mail yum.log
ircDDBGateway-2014-06-23.log maillog
ircDDBGateway-2014-06-24.log messages
[root@raspi log]# rm ircDDBG*
[root@raspi log]# rm DStar*
[root@raspi log]# cd dstar
[root@raspi dstar]# ls
DStarRepeater_1-2014-02-25.log TimeServer-2014-02-25.log
DStarRepeater_1-2014-06-23.log TimeServer-2014-06-23.log
DStarRepeater_1-2014-06-24.log TimeServer-2014-06-24.log
DStarRepeater_1-2014-06-25.log TimeServer-2014-06-25.log
DStarRepeater_1-2014-06-26.log TimeServer-2014-06-26.log
DStarRepeater_1-2014-06-27.log TimeServer-2014-06-27.log
DStarRepeater_1-2014-06-28.log TimeServer-2014-06-28.log
DStarRepeater_1-2014-06-29.log TimeServer-2014-06-29.log
DStarRepeater_1-2014-06-30.log TimeServer-2014-06-30.log
DStarRepeater_1-2014-07-01.log TimeServer-2014-07-01.log
DStarRepeater_1-2014-07-02.log TimeServer-2014-07-02.log
DStarRepeater_1-2014-07-09.log TimeServer-2014-07-09.log
[root@raspi dstar]# rm *
[root@raspi dstar]# restart
Redirecting to /bin/systemctl restart dstarrepeater_1.service
Redirecting to /bin/systemctl restart ircddbgateway.service
Redirecting to /bin/systemctl restart timeserver.service
[root@raspi dstar]# ls
DStarRepeater_1-2014-07-09.log TimeServer-2014-07-09.log
[root@raspi dstar]# tail -f DStarRepeater_1-2014-07-09.log
I: 2014-07-09 14:42:59: Output 1 = 0, output 2 = 0, output 3 = 0, output
4 = 0
I: 2014-07-09 14:42:59: Control: enabled: 1, RPT1: REMOTE, RPT2:
CONTROL, shutdown: , startup: , status1: , status2: , status3: ,
status4: , status5: , command1: HOSTUP = /usr/bin/openhost.sh, command2:
RESTART = service ircddbgateway restart, command3: = , command4: = ,
output1: , output2: , output3: , output4:
I: 2014-07-09 14:42:59: Frame logging set to 0, in /root
M: 2014-07-09 14:42:59: Poll text set to "linux_gmsk-20140315"
M: 2014-07-09 14:42:59: Starting the D-Star repeater thread
M: 2014-07-09 14:42:59: Starting GMSK Modem Controller thread
M: 2014-07-09 14:43:10: Slow data set to "Not linked "
M: 2014-07-09 14:43:13: Network header received - My: VK2MJM /INFO
```

```
Your: CQCQCQ Rpt1: VK2MJM G Rpt2: VK2MJM C Flags: 00 00 00
M: 2014-07-09 14:43:13: Transmitting to - My: VK2MJM /INFO Your:
CQCQCQ Rpt1: VK2MJM G Rpt2: VK2MJM C Flags: 00 00 00
M: 2014-07-09 14:43:15: Stats for VK2MJM Frames: 2.5s, Loss: 0.0%,
Packets: 0/123
^C
[root@raspi dstar]# cd ..
[root@raspi log]# ls
anaconda Headers.log messages STARnet.log
audit ircDDBGateway-2014-07-09.log php-fpm tallylog
btmp journal pm-powersave.log wtmp
chrony lastlog ppp Xorg.0.log
ConsoleKit lightdm prelink Xorg.0.log.old
cron lighttpd README Xorg.9.log
dstar Links.log secure yum.log
firewalld mail spooler
ham maillog sssd
[root@raspi log]# linkto xrf005_b
xrf005_b
remotecontrold: command accepted by the gateway/starnetserver
[root@raspi log]# tail -f ircDDBGateway-2014-07-09.log
M: 2014-07-09 14:43:11: Loaded 0 DExtra and 0 DCS reflectors from
dns.xreflector.net
M: 2014-07-09 14:43:11: Starting the Callsign Server thread
M: 2014-07-09 14:43:11: Registered with opendstar.org using callsign VK2MJM
I: 2014-07-09 14:43:12: Connecting to ircDDB
M: 2014-07-09 14:43:12: CCS: VK2MJM C connected to server
ccs004.xreflector.net
M: 2014-07-09 14:43:14: Registered with dpns.dutch-star.eu using
callsign VK2MJM
M: 2014-07-09 14:43:53: Remote control user has logged in
M: 2014-07-09 14:43:53: Remote control user has linked "VK2MJM C" to
"XRF005 B" with reconnect 0
M: 2014-07-09 14:43:53: Linking VK2MJM C to XRF005 B
M: 2014-07-09 14:43:53: Remote control user has logged out
M: 2014-07-09 14:44:53: DExtra link to XRF005 B has failed to connect
^C
[root@raspi log]# ping 216.16.240.236
PING 216.16.240.236 (216.16.240.236) 56(84) bytes of data.
64 bytes from 216.16.240.236: icmp_seq=1 ttl=37 time=272 ms
64 bytes from 216.16.240.236: icmp_seq=2 ttl=37 time=266 ms
64 bytes from 216.16.240.236: icmp_seq=3 ttl=37 time=269 ms
64 bytes from 216.16.240.236: icmp_seq=4 ttl=37 time=312 ms
^C
--- 216.16.240.236 ping statistics ---
5 packets transmitted, 4 received, 20% packet loss, time 4004ms
rtt min/avg/max/mdev = 266.187/280.205/312.447/18.739 ms
[root@raspi log]# cd /usr/bin
[root@raspi bin]# wget vk4tux.no-ip.org/hotspot.sh
--2014-07-10 00:46:06-- http://vk4tux.no-ip.org/hotspot.sh
```

```
Resolving vk4tux.no-ip.org (vk4tux.no-ip.org)... 121.223.75.106
Connecting to vk4tux.no-ip.org (vk4tux.no-ip.org)|121.223.75.106|:80...
connected.
HTTP request sent, awaiting response... 200 OK
Length: 242 [application/octet-stream]
Saving to: ‘hotspot.sh’

100%[======================================>] 242 --.-K/s in 0s

2014-07-10 00:46:21 (1.92 MB/s) - ‘hotspot.sh’ saved [242/242]

[root@raspi bin]# chmod 777 hotspot.sh
[root@raspi bin]# hotspot.sh
/usr/bin/hotspot.sh: line 5: unalias: cp: not found
/usr/bin/hotspot.sh: line 7: unalias: mv: not found
Redirecting to /bin/systemctl restart ircddbgateway.service
xrf mod done...run openhost.sh to return to normal
[root@raspi bin]# cd /var/log
[root@raspi log]# linkto xrf005_b
xrf005_b
remotecontrold: command accepted by the gateway/starnetserver
[root@raspi log]# tail -f ircDDBGateway-2014-07-09.log
I: 2014-07-09 14:47:41: Connecting to ircDDB
M: 2014-07-09 14:47:41: CCS: VK2MJM C connected to server
ccs004.xreflector.net
M: 2014-07-09 14:47:43: Registered with dpns.dutch-star.eu using
callsign VK2MJM
M: 2014-07-09 14:48:07: Remote control user has logged in
M: 2014-07-09 14:48:07: Remote control user has linked "VK2MJM C" to
"XRF005 B" with reconnect 0
M: 2014-07-09 14:48:07: Linking VK2MJM C to XRF005 B
M: 2014-07-09 14:48:08: Remote control user has logged out
M: 2014-07-09 14:48:08: D-Plus reply is OKRW
M: 2014-07-09 14:48:08: D-Plus ACK message received from XRF005 B
M: 2014-07-09 14:48:08: D-Plus link to XRF005 B established
```

Adrian ... vk4tux

11129. Re: [gmsk_dv_node] Pi Images and ConDV?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-07-09 18:49:23 UTC
From: Mike Minor
Topic: 11122 Message: 11129

Yes

Sent from my iPad

> On Jul 9, 2014, at 9:23 AM, "EA1CI J. Ángel - Ourense ea1ci@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:
>
> Thank you Jim for shareing your thoughts and information.
> We´ll surely test something at any time.
>
> 73.
> Ángel - EA1CI
>
>
>
>
>
>
> To: gmsk_dv_node@yahoogroups.com
> From: gmsk_dv_node@yahoogroups.com
> Date: Tue, 8 Jul 2014 13:31:09 -0700
> Subject: [gmsk_dv_node] Pi Images and ConDV?
>
>
>
> I’ve been having a lot of fun playing with the new DUTCH*Star ConDV program on my Raspberry Pi. It is easy to use, and it has been running for many days without problems. I ordered an Adafruit LCD plate with buttons and installed that on my Pi, and ConDV does a great job of displaying callsigns, user text, etc. while operating.
>
> There are several really good image files available to make it easy to set up a Hotspot using a DV Modem with a Pi. I have used the one from Brian GW6WTK, who leverages the packages created by Hans DL5DI. These have Linux configured and the G4KLX programs loaded and partially configured, waiting for your callsign. I have documented how to use this on a page called “Configuring the Raspberry Pi using a GMSK Modem and G4KLX software” at http://www.k6jm.com/hs-piconfigG4KLX.htm .
>
>
> Adrian VK4TUX has gone a step further and has an image using PiDora, a Fedora-style distro for the Pi, and with G4KLX programs installed. He has added several nice extras, like a web-based Dashboard.
>
> Ramesh VU3UV has an image for the Pi with FreeStar loaded. It comes with very nice documentation. There are others out there also.
>

> With the new ConDV now being used, I was thinking it would be nice if a Pi image file were available with ConDV installed. In fact, ConDV is very easy to install, but even for those more experienced with Linux, it is nice to save some time and employ an image file that’s almost ready to go.
>
> So I was thinking of leveraging Brian’s image, adding ConDV, and republishing that. To keep things simple, it would probably keep the G4KLX programs and simply add ConDV.
>
>
> I would, of course, provide info on a web page to make it as easy as possible to get going.
>
> Is there any interest in something like this?
>
> Jim – K6JM _._,___
>
>
>

11130. RE: [gmsk_dv_node] Pi Images and ConDV?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-07-10 22:05:57 UTC
From: J. M. Moen
Topic: 11122 Message: 11130

Thanks for the responses. I'll post here when I have something to download. Just need to carve out some time from the schedule to do it….

Jim

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, July 09, 2014 11:49 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Pi Images and ConDV?

Yes

Sent from my iPad

On Jul 9, 2014, at 9:23 AM, "EA1CI J. Ángel - Ourense ea1ci@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

Thank you Jim for shareing your thoughts and information.
We´ll surely test something at any time.

73.
Ángel - EA1CI

To: gmsk_dv_node@yahoogroups.com
From: gmsk_dv_node@yahoogroups.com
Date: Tue, 8 Jul 2014 13:31:09 -0700
Subject: [gmsk_dv_node] Pi Images and ConDV?
I've been having a lot of fun playing with the new DUTCH*Star ConDV program on my Raspberry Pi. It is easy to use, and it has been running for many days without problems. I ordered an Adafruit LCD plate with buttons and installed that on my Pi, and ConDV does a great job of displaying callsigns, user text, etc. while operating.
There are several really good image files available to make it easy to set up a Hotspot using a DV Modem with a Pi. I have used the one from Brian GW6WTK, who leverages the packages created by Hans DL5DI. These have Linux configured and the G4KLX programs loaded and partially configured, waiting for your callsign. I have documented how to use this on a page called "Configuring the Raspberry Pi using a GMSK Modem and G4KLX software" at http://www.k6jm.com/hs-piconfigG4KLX.htm .
Adrian VK4TUX has gone a step further and has an image using PiDora, a Fedora-style distro for the Pi, and with G4KLX programs installed. He has added several nice extras, like a web-based Dashboard.
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With the new ConDV now being used, I was thinking it would be nice if a Pi image file were available with ConDV installed. In fact, ConDV is very easy to install, but even for those more experienced with Linux, it is nice to save some time and employ an image file that's almost ready to go.
So I was thinking of leveraging Brian's image, adding ConDV, and republishing that. To keep

things simple, it would probably keep the G4KLX programs and simply add ConDV.
I would, of course, provide info on a web page to make it as easy as possible to get going.
Is there any interest in something like this?
Jim – K6JM

11131. Re: [gmsk_dv_node] Digest Number 1575

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-07-14 15:30:38 UTC
From: Pres Waterman
Topic: 11131 Message: 11131

SUPERB writeup Jim!

-Pres

11132. ConDV on WIN XP

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-07-15 00:06:28 UTC
From: ke0co34@...
Topic: 11132 Message: 11132

I have been trying to get ConDV running on Windows XP with a StarBoard--beta f/w. The PTT drops every 3 to 4 seconds. Has anyone tried this configuration?

Also, ConDV removed WINDV and broke DVAR Hotspot upon installation. The G4KLX software still works perfectly.

Ideas?

Brian, KE0CO

11133. GMSK Moen Board not recognized

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-07-15 01:37:38 UTC
From: k6fed@...
Topic: 11133 Message: 11133

I could use some advice. I have searched on a solution to this problem with no luck.

I'm using a GMSK Moen board, raspberry PI, GMSK repeater, IRCDDB Gateway software and am unable to get the PI to recognize the GMSK board.

1. Windows config, test, and dstar hotspot applications work flawlessly with this radio and board with current firmware.

2. Moving to the pi, the board will not link and unlink to reflectors.

3. Changed the firmware to beta and the board was not recognized by PI or Windows NAwinCFG.

4. Changed it back to current to current firmware and all works fine on Windows but not the PI.

Any ideas on where I should look for this?

Thanks!
Frank

11134. RE: [gmsk_dv_node] GMSK Moen Board not recognized

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-07-15 04:44:53 UTC
From: Brad NK8J
Topic: 11133 Message: 11134

Once you updated the firmware did you replace the jumper then unplug it and plug it back in then rerun the Nawcfg?

Brad NK8J

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, July 14, 2014 6:38 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] GMSK Moen Board not recognized

I could use some advice. I have searched on a solution to this problem with no luck.

I'm using a GMSK Moen board, raspberry PI, GMSK repeater, IRCDDB Gateway software and am unable to get the PI to recognize the GMSK board.

1. Windows config, test, and dstar hotspot applications work flawlessly with this radio and board with current firmware.

2. Moving to the pi, the board will not link and unlink to reflectors.

3. Changed the firmware to beta and the board was not recognized by PI or Windows NAwinCFG.

4. Changed it back to current to current firmware and all works fine on Windows but not the PI.

Any ideas on where I should look for this?

Thanks!
Frank

_____
<http://thirdpartyoffers.juno.com/TGLI3156/?u=http://newsletter.adsonar.com/nwrss/imgs/nwr_1560786_36140222_379054_2070767_4_2.PNG?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&zw=500&zh=70&v=5&url=NA&uid=>

11135. RE: [gmsk_dv_node] GMSK Moen Board not recognized

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-07-15 04:55:13 UTC
From: k6fed@...
Topic: 11133 Message: 11135

Hi Brad,

Yes, I moved the jumper back to sw3, and ran the config and the test work great in Windows. The Windows set up works fine.. The beta firmware issue is resolved. I'm still have the problem with the board and the PI not talking

Thanks for the quick response.

Frank

11136. RE: [gmsk_dv_node] GMSK Moen Board not recognized

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-07-15 05:01:32 UTC
From: Brad NK8J
Topic: 11133 Message: 11136

Your welcome. Give me a phone call and I can help you out with the settings a I run the Same board with the pi and the banana pi with g4klx software 541-214-5663

Brad NK8J

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, July 14, 2014 9:55 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] GMSK Moen Board not recognized

Hi Brad,

Yes, I moved the jumper back to sw3, and ran the config and the test work great in Windows. The Windows set up works fine.. The beta firmware issue is resolved. I'm still have the problem with the board and the PI not talking

Thanks for the quick response.

Frank

<http://thirdpartyoffers.juno.com/TGLI3156/?u=http://newsletter.adsonar.com/nwrss/imgs/nwr_1560786_36140222_379054_2070767_4_2.PNG?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&zw=500&zh=70&v=5&url=NA&uid=>

11137. RE: [gmsk_dv_node] ConDV on WIN XP

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-07-15 08:59:29 UTC
From: Fred PA4YBR
Topic: 11132 Message: 11137

Hi,

OOps!

I had made a mistake when creating the ConDV installer (copied it from the WinDV version..) and
although I fixed that mistake, I did not upload the new version to the website!

Re-download the ConDV package, uninstall both WinDV and ConDV, and reinstall both, they
should co-exist fine now. Sorry about that!

The 4-second beep.... mmmm! That doesnt happen here, and I have not received reports to
that effect yet. Anyone else have that???

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, July 15, 2014 2:06 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] ConDV on WIN XP

I have been trying to get ConDV running on Windows XP with a StarBoard--beta f/w. The PTT drops every 3 to 4 seconds. Has anyone tried this configuration?

Also, ConDV removed WINDV and broke DVAR Hotspot upon installation. The G4KLX software still works perfectly.

Ideas?

Brian, KE0CO

11138. RE: [gmsk_dv_node] ConDV on WIN XP

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-07-15 13:04:00 UTC
From: ke0co34@...
Topic: 11132 Message: 11138

Okay Fred. I'll give it a try later today. Should the beta firmware for the StarBoard work correctly with ConDV?

The dropping of PTT from the StarBoard every 3 to 4 seconds is a strange problem. It may be something on the USB connection. The computer is running WIN XP Tablet Edition. I have encountered other anomalies with this computer. It will not change the PID of the StarBoard. WIN 7 does change the PID with your tool.

Thank you for the response. I'll redownload and see if I can get ConDV and WinDV coexisting.

73,

Brian, KE0CO

11139. Fwd: Last Call for Papers - ARRL/TAPR DCC (Digital Communications Conference), Austin, TX

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-07-16 22:47:48 UTC
From: Mark Thompson
Topic: 11139 Message: 11139
Attachments: 1 described; binary payloads are missing from this source WARC

Note:
More details on DCC Call for Papers are at: http://www.tapr.org/dcc.html#call

Presentations can be made at the DCC if you have not submitted a paper in advance, however those who have submitted a paper get priority in scheduling a presentation at the DCC.

Presentations made only at the DCC & not included in the proceedings
can be submitted after July 14th and should be made submitted directly to TAPR.

Date: Wed, 2 Jul 2014 14:27:18 +0000
From: "Ford, Steve, WB8IMY" <sford@arrl.org>
To:
Subject: Last Call for Digital Communications Conference Papers

July 14 is the deadline to submit papers for the proceedings of
the 2014 ARRL/TAPR Digital Communications Conference http://www.tapr.org/dcc, September 5 - 7, in Austin, Texas.

You do not have to attend the conference to have your paper included in the proceedings. Your paper on any technical topic relevant to amateur digital communications will be published as submitted and you will retain all rights.

Please e-mail your submission no later than July 14 to Maty Weinberg, KB1EIB, ARRL Production Coordinator, at maty@....
Send text files and images separately and do not attach Zip files. Total of attachments cannot exceed 5 Mbytes per message.

11140. RE: [gmsk_dv_node] GMSK Moen Board not recognized

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-07-18 00:53:45 UTC
From: J. M. Moen
Topic: 11133 Message: 11140

Any progress on this on the Pi? It sounds like it might possibly be related to the G4KLX configuration. By the way, I used GMSKRepeater for a couple of years, but I have moved to DStarRepeater for one of my Pi's and have had no problems with it. (I run ConDV on the other Pi.)

I am hoping you have solved this and have moved on, but if not, you might take a look at my notes on installing G4KLX on the Pi using the westerndstar.co.uk image from GW6WTK using the image with DStarRepeater.

http://www.k6jm.com/hs-piconfigG4KLX.htm

Jim – K6JM

From: gmsk_dv_node@...m [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, July 14, 2014 9:55 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] GMSK Moen Board not recognized
Hi Brad,
Yes, I moved the jumper back to sw3, and ran the config and the test work great in Windows. The Windows set up works fine.. The beta firmware issue is resolved. I'm still have the problem with the board and the PI not talking

Thanks for the quick response.

Frank

11142. banana pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-07-20 14:35:39 UTC
From: jmsrandazzo@...
Topic: 11142 Message: 11142

when is some one going to write the program for the banana pi to use the ircdbb and dstar repeater if i new how to do it i would thanks

11143. Dutch Star GMSK Rev C

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-07-21 14:02:07 UTC
From: michaelgeorgefreeman@...
Topic: 11143 Message: 11143

Hi From Mike G8YYW

I have a revision c node adapter that wont work in repeater/duplex mode

the board works ok an access point in semi duplex mode

the receiver tests work ok and recorder works ok the repeater seems to be ok as works in simplex mode

The Yellow lamps /signal level don't work nor the tx lamp

Q do I need different firmware for repeater use

any ideas

thanks Mike

11144. Re: banana pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-07-21 16:43:22 UTC
From: john@...
Topic: 11142 Message: 11144

Just use the Raspbian versions. No new program needs to be written.

11145. Re: banana pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-07-22 03:21:47 UTC
From: jmsrandazzo@...
Topic: 11142 Message: 11145

were do you get that

11146. Re: banana pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-07-22 16:24:52 UTC
From: john@...
Topic: 11142 Message: 11146

Go to groups ircddbgateway and pcrepeatercontroller and in the Files area go into documentation for install instructions for 'DEB'

You can also pickup source in the files sections of those forums.

11147. New Raspberry Pi model B+

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-07-22 18:15:53 UTC
From: J. M. Moen
Topic: 11147 Message: 11147

Last week, the Raspberry Pi Foundation announced their new and (they say) final revision for their Raspberry Pi. The biggest changes are that the board now uses a microSD card instead of the full sized SD card, and they now have 4 USB ports instead of 2. It now has a 40 pin GPIO connector, but the 1st 26 pins have the same functions as previous Pi models, so in most cases, Pi boards still fit and work on the B+. They added mounting holds at the 4 corners and improved the layout, but that means the old Pi cases won't fit. B+ cases are already on the market.

For those who regularly keep their Linux up to date, the previous Pi's SD image should work on the new B+. They did update the Pi's firmware, so that has to be done. It's really simple.

In my case, running the westerndstar.co.uk GW6WTK image that has Debian Wheezy on it, and since I had not been keeping that up to date, I did the following on my original model B Pi. If not logged on as root, precede each command with sudo:

* apt-get update
* apt-get upgrade
* api-update

(I looked at the article at http://www.instructables.com/id/Raspberry-Pi-B-boot-from-SD-Card/ to guide me, but the whole thing boils down the above three commands.)

My Pi's SD card is actually a microSD card in an SD adapter, so after the above, I simply pulled the microSD card from the adapter, placed it in the B+ and booted it up. First test was with ConDV with an Adafruit LCD plate with keys. Works fine.

If your Pi uses a standard SD card, just back it up using Win32DiskImager (or similar software), then write it back to a microSD card. But be sure the above commands have been done on the original Pi first.

I have not checked, but I assume providers of images for hams have or soon will update their images so they will run on the B+ right after the download.

It appears that in addition to now having 4 USB ports, they raised the power limits each one can pull, so if you have a 2.0 amp power supply for your B+, you probably won't need a powered USB hub for most uses.

According to the Raspberry Pi Foundation, this is not a major revision or a Pi 2.0. Rather, it has incorporated many of the good ideas people have submitted about the original Pi. It still has the same microprocessor, and the price remains at US $35. I bought mine from http://www.element14.com/community/community/raspberry-pi/raspberry-pi-bplus

Note: I have found that the amateur radio apps that I use (ConDV, G4KLX's DStarRepeater + ircDDBGateway, etc.) take from 10% to 25% (max) of the Pi's CPU. So I have no need for a faster processor.

The Chinese knockoff (called Banana Pi but not produced by or supported by the Raspberry Pi Foundation) has faster hardware all around, and it is really useful for developers who compile on the Pi itself, or who regularly use apps that need a faster CPU (for example, the BMC video server app). My point is that faster little PCs are useful, but so far, for most normal amateur radio users, they are not needed. So the Pi B+ is still perfect for most of us.

Jim – K6JM

PS I will soon be updating my web page “Configuring the Raspberry Pi using a GMSK Modem and G4KLX software” at http://www.k6jm.com/hs-piconfigG4KLX.htm with how to upgrade an image from an original Pi. As mentioned here, I also plan to create a similar page about configuring for ConDV. I wish there were more hours in the day….

11148. WinDV how to use

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-09 01:54:11 UTC
From: ke4qdc@...
Topic: 11148 Message: 11148

I have been trying to setup WinDv to connect with the DV Dongle and I canno tmake ot work except for the Dplus linking. Can someone tell me what steps I need to take to get up and running with the DvDongle and WinDv. I have been registered with the Dstar for years and I want to expand my capabilities.

Thanks
KE4QDC
Ferrell

11149. Re: [gmsk_dv_node] WinDV how to use

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-09 02:09:57 UTC
From: Rudy Benner
Topic: 11148 Message: 11149
Attachments: 1 described; binary payloads are missing from this source WARC

Try a different server. NOT AA4RC.

From: mailto:gmsk_dv_node@yahoogroups.com
Sent: Friday, August 08, 2014 9:54 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] WinDV how to use

I have been trying to setup WinDv to connect with the DV Dongle and I canno tmake ot work except for the Dplus linking. Can someone tell me what steps I need to take to get up and running with the DvDongle and WinDv. I have been registered with the Dstar for years and I want to expand my capabilities.

Thanks
KE4QDC
Ferrell

11150. Re: WinDV how to use

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-09 21:34:58 UTC
From: ke4qdc@...
Topic: 11148 Message: 11150

I have and it just comes back with error message

I don't know what to do. I can't find any real straight forward instructions to follow. I can login to the the Dutch star website so I assume I am registered. Looks like its refusing my command

11151. Re: WinDV how to use

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-09 23:12:25 UTC
From: ke4qdc@...
Topic: 11148 Message: 11151

an additional window to show server trying to use

11153. RE: [gmsk_dv_node] WinDV how to use

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-10 08:09:12 UTC
From: J. M. Moen
Topic: 11148 Message: 11153

Ferrell,

You will want to log onto your router and set up port forwarding. Different programs use different ranges, but in general, the following will work for lots of Hotspot programs, including WinDV:

DPlus: Forward UDP ports 20001 through 20007 to the internal IP of the pc running WinDV
DExtra: Forward UDP ports 30001 through 30007 “
DCS: Forward UDP ports 30051 through 30057 “

Also, there are apparently two different programs that can create an XRF reflector. Required ports may be different. Also, many XRF reflectors accept both the DExtra protocol and DPlus protocol. So if you have problems linking to a particular XRF reflector (after you have installed port forwarding), try using DPlus instead of DExtra as the protocol when linking to that reflector.

Finally, be sure your hosts files are up to date. If you go to the directory where the WinDV executable is located (typically c:/Program Files/MicroWalt Corporation/WinDV), you will see dphosts.txt, dphosts.txt etc. Adrian VK4TUX has published a pretty complete list (don’t have the URL in front of me).

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Friday, August 08, 2014 6:54 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] WinDV how to use
I have been trying to setup WinDv to connect with the DV Dongle and I canno tmake ot work except for the Dplus linking. Can someone tell me what steps I need to take to get up and running with the DvDongle and WinDv. I have been registered with the Dstar for years and I want to expand my capabilities.

Thanks
KE4QDC
Ferrell

’---

11154. RE: [gmsk_dv_node] WinDV how to use

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-11 16:01:10 UTC
From: Fred PA4YBR
Topic: 11148 Message: 11154

Ferrell,

What doesn't seem to be working then?

Regards,

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, August 09, 2014 3:54 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] WinDV how to use

I have been trying to setup WinDv to connect with the DV Dongle and I canno
tmake ot work except for the Dplus linking. Can someone tell me what steps I
need to take to get up and running with the DvDongle and WinDv. I have been
registered with the Dstar for years and I want to expand my capabilities.

Thanks
KE4QDC
Ferrell

11155. RE: [gmsk_dv_node] Re: WinDV how to use

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-11 16:06:13 UTC
From: Fred PA4YBR
Topic: 11148 Message: 11155

Yes.

You have set your station's callsign set to KE4QDC, which is (just) your base
callsign. In addition, you have set your DVDongle callsign to the same, which
is correct.. the "dongle callsign" is more or less you using some D-STAR radio,
talking to a repeater (your WinDV station.)

This is fine for DPlus, but NOT for DExtra and/or DCS.

These are "gateway linking" protocols, and, because of that, they require the
gateway (station) callsign to be a "full" one, meaning, with a letter in the 8th
position of the callsign, where the letter identifies the band on which the
repeater (module) operates.

Since Dongles obviously dont have a frequency band, you can use any of the
bands available... A=23cm, B=70cm, C=2m, D=10m (also used for Dongle.) I
would suggest setting the "station callsign" (tools>Options>Callsign) to
'D".

Also, make sure that you have registered that letter (terminal) in the D-STAR
database.

Once this is done, you should be fine.

For the FAQ: the "Connection refused" means an active refusal by the other
side, usually because of the above.

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, August 09, 2014 11:35 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: WinDV how to use

I have and it just comes back with error message

I don't know what to do. I can't find any real straight forward instructions
to follow. I can login to the the Dutch star website so I assume I am
registered. Looks like its refusing my command

11156. RE: [gmsk_dv_node] WinDV how to use

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-11 16:06:59 UTC
From: Fred PA4YBR
Topic: 11148 Message: 11156

Uhm... yes, that too, thanks Jim!

(I keep forgetting telling people this..)

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Sunday, August 10, 2014 10:09 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] WinDV how to use

Ferrell,

You will want to log onto your router and set up port forwarding.
Different programs use different ranges, but in general, the following will
work for lots of Hotspot programs, including WinDV:

DPlus: Forward UDP ports 20001 through 20007 to the internal IP of the pc
running WinDV

DExtra: Forward UDP ports 30001 through 30007 "

DCS: Forward UDP ports 30051 through 30057 "

Also, there are apparently two different programs that can create an XRF
reflector. Required ports may be different. Also, many XRF reflectors
accept both the DExtra protocol and DPlus protocol. So if you have problems
linking to a particular XRF reflector (after you have installed port
forwarding), try using DPlus instead of DExtra as the protocol when linking
to that reflector.

Finally, be sure your hosts files are up to date. If you go to the
directory where the WinDV executable is located (typically c:/Program
Files/MicroWalt Corporation/WinDV), you will see dphosts.txt, dphosts.txt
etc. Adrian VK4TUX has published a pretty complete list (don't have the URL
in front of me).

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Friday, August 08, 2014 6:54 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] WinDV how to use

I have been trying to setup WinDv to connect with the DV Dongle and I canno
tmake ot work except for the Dplus linking. Can someone tell me what steps I

need to take to get up and running with the DvDongle and WinDv. I have been registered with the Dstar for years and I want to expand my capabilities.

Thanks
KE4QDC
Ferrell

’___

11157. Remote repeater gateway

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-11 18:58:10 UTC
From: k2ilh@...
Topic: 11157 Message: 11157

What configurations are used by those whose repeater location does not allow the gateway (computer) to be co-located with the ICOM hardware? ICOM directions show the gateway PC at the repeater site. Can it be remoted? If not, how does one handle the registrations? If it can, what ways is it done? How about a stand alone PC for registrations, and a hotspot on the repeater frequency for the gateway (don't care about callsign routing). If this is discussed somewhere, please direct me.

11158. Re: Remote repeater gateway

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-12 22:33:36 UTC
From: me.dan.wild@...
Topic: 11157 Message: 11158

What gateway software are you using?Dan M0SDJ

11159. Re: [gmsk_dv_node] Remote repeater gateway

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-12 22:52:08 UTC
From: Richard McMillan
Topic: 11157 Message: 11159

Sent: Tuesday, August 12, 2014 at 6:33 PM
From: "me.dan.wild@... [gmsk_dv_node]"
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Remote repeater gateway

What gateway software are you using?Dan M0SDJ

Dan,

I use ConDV with DVAP and WinDV with DVDongle as clients; I experiment with ircDDB gateway and DV Node, but don't rely on it regularly.

73,

Rich_N2OA

11160. Re: [gmsk_dv_node] Re: Remote repeater gateway

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-13 14:40:23 UTC
From: Bill Plke
Topic: 11157 Message: 11160

What I am asking is how to provide a gateway with no internet at the repeater site.
Using the software that came with the ICOM repeater is a problem without internet at the site,
and even if we had internet, how do we do registrations without going to the PC at remote site?

Someone must have already worked this situation. I'd like to know how they did it.
Bill (K2ILH)
?
On 08/12/14, me.dan.wild@... [gmsk_dv_node] wrote:
?
?

What gateway software are you using?Dan M0SDJ

11161. Re: [gmsk_dv_node] Re: Remote repeater gateway

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-13 16:54:44 UTC
From: gary.k7ek@yahoo.com
Topic: 11161 Message: 11161
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

11162. RE: [gmsk_dv_node] Re: Remote repeater gateway

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-13 17:49:16 UTC
From: Brad Kellison
Topic: 11161 Message: 11162

Page not found 404 error

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, August 13, 2014 12:55 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Re: Remote repeater gateway

See http://arsrepeaters.com/site/mobile?url=http%3A%2F%2Farsrepeaters.com%2FD-Star_Repeater_Control.php

Best regards,

Gary, K7EK @ W7JD B & XRF707

Sent from my Verizon Droid DNA

----- Reply message -----
From: "Bill PIke k2ilh@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: <gmsk_dv_node@yahoogroups.com>
Subject: [gmsk_dv_node] Re: Remote repeater gateway
Date: Wed, Aug 13, 2014 07:40

What I am asking is how to provide a gateway with no internet at the repeater site.
Using the software that came with the ICOM repeater is a problem without internet at the site,
and even if we had internet, how do we do registrations without going to the PC at remote site?

Someone must have already worked this situation. I'd like to know how they did it.

Bill (K2ILH)

On 08/12/14, me.dan.wild@... [gmsk_dv_node]<gmsk_dv_node@yahoogroups.com> wrote:

What gateway software are you using?Dan M0SDJ

<http://thirdpartyoffers.juno.com/TGLI3156/?u=http://newsletter.adsonar.com/nwrss/imgs/nwr_1560786_36140222_379054_2070767_4_2.PNG?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&zw=500&zh=70&v=5&url=NA&uid=>

11163. Re: [gmsk_dv_node] Re: Remote repeater gateway

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-13 17:58:15 UTC
From: mm0fmf
Topic: 11161 Message: 11163

On 13/08/2014 18:49, 'Brad Kellison' nk8j@... [gmsk_dv_node] wrote:
>
>
> Page not found 404 error
>
>
>> See
>> http://arsrepeaters.com/site/mobile?url=http%3A%2F%2Farsrepeaters.com%2FD-Star_Repeater_Control.php
>

It's hardly rocket science to demangle that URL by eye to get this:

http://www.arsrepeaters.com/D-Star_Repeater_Control.php

Andy
MM0FMF

11164. Re: Re: [gmsk_dv_node] Re: Remote repeater gateway

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-14 00:55:22 UTC
From: Bill PIke
Topic: 11157 Message: 11164

Very nice! Thanks Gary. I believe I know this guy and may stop by to see him. Right now I'd like to stick with the repeater as it is located.
I believe there is a way to use a hotspot as a gateway, and I have a hotspot within range of the repeater. (RPi w/G4KLX, Starboard, and xcvr.).
If we can figure that out maybe it will be enough.
Of course we still would like to know what others have done in this situation.
?
?
Bill (K2ILH)
?
On 08/13/14, gary.k7ek@... gary.k7ek@... [gmsk_dv_node] wrote:
?
?

See http://arsrepeaters.com/site/mobile?url=http%3A%2F%2Farsrepeaters.com%2FD-Star_Repeater_Control.php

Best regards,

Gary, K7EK @ W7JD B & XRF707

Sent from my Verizon Droid DNA

----- Reply message -----
From: "Bill PIke k2ilh@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: <gmsk_dv_node@yahoogroups.com>
Subject: [gmsk_dv_node] Re: Remote repeater gateway
Date: Wed, Aug 13, 2014 07:40

?

What I am asking is how to provide a gateway with no internet at the repeater site.
Using the software that came with the ICOM repeater is a? problem without internet at the site,
and even if we had internet, how do we do registrations without going to the PC at remote site?

Someone must have already worked this situation. I'd like to know how they did it.
Bill (K2ILH)

On 08/12/14, me.dan.wild@... [gmsk_dv_node]<gmsk_dv_node@yahoogroups.com> wrote:
?

What gateway software are you using?Dan M0SDJ

11165. Moan board and DVRPTR on the same pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-14 01:59:16 UTC
From: w5pfr@...
Topic: 11165 Message: 11165

Im trying to run two modules on the same Pi. The Dvrptr is running fine on the pi and the gateway. It is running with DVRPTR software on the Pi. When I try to run a second repeater program, Which is Dstar repeater, It kinda locks up the other repeater program! Not sure why, But would like to see if I can run both these modems on the same pi. any ideas??
Thanks in advance
johnny

11166. Re: [gmsk_dv_node] Moan board and DVRPTR on the same pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-14 04:26:33 UTC
From: david barclon
Topic: 11165 Message: 11166

25-09-2013 01-01-2014 31-12-2013
Arch EXPERIMENTAL v1
Uname/pswd root/root An EXPERIMENTAL image with a widget for controlling the start options of G4KLX HotSpot applications Arch Linux 01/05/2014 26-03-2014 21-05-2014

On Wednesday, August 13, 2014 6:59 PM, "w5pfr@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

Im trying to run two modules on the same Pi. The Dvrptr is running fine on the pi and the gateway. It is running with DVRPTR software on the Pi. When I try to run a second repeater program, Which is Dstar repeater, It kinda locks up the other repeater program! Not sure why, But would like to see if I can run both these modems on the same pi. any ideas??
Thanks in advance
johnny

11167. Re: [gmsk_dv_node] Moan board and DVRPTR on the same pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-14 04:27:22 UTC
From: david barclon
Topic: 11165 Message: 11167

download this from westerndstar

On Wednesday, August 13, 2014 6:59 PM, "w5pfr@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

Im trying to run two modules on the same Pi. The Dvrptr is running fine on the pi and the gateway. It is running with DVRPTR software on the Pi. When I try to run a second repeater program, Which is Dstar repeater, It kinda locks up the other repeater program! Not sure why, But would like to see if I can run both these modems on the same pi. any ideas??
Thanks in advance
johnny

11168. Re: Re: [gmsk_dv_node] Re: Remote repeater gateway

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-14 14:36:55 UTC
From: m1dns.gb3hb@...
Topic: 11157 Message: 11168

Put KLX repeater program in gateway mode....
First panel on config screen
mode : simplex, duplex, gateway, Tx Only, Rx Only. --> GATEWAY
Use ircbbdgateway alongside to handle the networking

Simples..

A.

11169. Re: Moan board and DVRPTR on the same pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-14 14:43:27 UTC
From: m1dns.gb3hb@...
Topic: 11165 Message: 11169

The program cannot be run on more than one instance without a /switch.....
Call first instance as dstarrepeater PORTB

then run the second instance as dstarrepeater PORTC

Config them the same way dstarrepeaterconfig PORTB &
dstarrepeaterconfig PORTC

A.

11170. Re: [gmsk_dv_node] Re: Moan board and DVRPTR on the same pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-14 16:38:30 UTC
From: brian
Topic: 11165 Message: 11170

Hi The experimental (but stable) Western D-Star image will run upto four modems the gateway and the other stuff required to run your node. Look for the youtube video, although it's poor quality it shows the potential Regards Brian gw6wtk Sent from Samsung Mobile
-------- Original message --------
From: "m1dns.gb3hb@gmail.com [gmsk_dv_node]"
Date:14/08/2014 15:43 (GMT+00:00)
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Moan board and DVRPTR on the same pi

The program cannot be run on more than one instance without a /switch..... Call first instance as dstarrepeater PORTB then run the second instance as dstarrepeater PORTC Config them the same way dstarrepeaterconfig PORTB & dstarrepeaterconfig PORTC A.

11171. RE: [gmsk_dv_node] Remote repeater gateway

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-15 10:17:50 UTC
From: J. M. Moen
Topic: 11157 Message: 11171

Jim N1JMM explained a way to set up a remote gateway as you have explained, but in his example, he had the repeater site running a full duplex Hotspot managed by the KLX Repeater program (and no gateway).

Does anyone have experience with a remote gateway talking to an ICOM repeater/gateway which has no internet? Would the repeater get confused? If you already have an ICOM repeater/gateway, it would certainly be easier to just leave it alone and configure the remote gateway at the internet site….

If anyone has experience doing it with ICOM gear, I would like to hear about it. And attached are N1JMM's comments.

Jim – K6JM

How (courtesy of Jim Thisdale, N1JMM):
All you need is the link radio at the internet site set to the repeater frequency just like a normal user. At internet site, a beam antenna is nice; adjust transmitter power down low and add cooling fan, as radio will get HOT. Run the repeater program at internet site in GATEWAY mode. Set the callsign to match the repeater. Disable the ACK message. Setup the gateway program. Start them up.
At the Repeater site, configure the Repeater program's Reflector field in Gateway preferences to none, with a reconnect of Never, as this is handled in the gateway software at the internet connection site. Also, a status request is no longer valid as the gateway software does not know of the reflector connection at the remote site.
Make sure you have the proper ports (5 total, this has been covered on the ircDDBGateway Yahoo Group), open through your modem/router/firewall to the computer running the gateway. Callsign on the repeater and on the repeater link should MATCH exactly. RPT1 Validate should be on.
You don't need or want the ircDDBgateway running at the repeater site when doing this method. Only run the Repeater program there.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, August 14, 2014 7:37 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: Re: [gmsk_dv_node] Re: Remote repeater gateway

Put KLX repeater program in gateway mode....
First panel on config screen
mode : simplex, duplex, gateway, Tx Only, Rx Only. --> GATEWAY
Use ircbbdgateway alongside to handle the networking
Simples..
A.

11172. RE: [gmsk_dv_node] Re: Moan board and DVRPTR on the same pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-15 10:32:16 UTC
From: J. M. Moen
Topic: 11165 Message: 11172

As Brian and others have pointed out, you don’t run multiple instances of the Repeater program, you just run a single instance and configure more than one modem in the Repeater 1, Repeater 2 etc. settings.

I believe W5PFR has two different kinds of modems, but for others reading the mail, if you want to run more than one GMSK Modem connected by USB to the same computer, you will want to change the USB PID code. The first one can stay at the default 0300, but you will need to change the 2nd and more to have unique PIDs.

If you have modems running DUTCH*Star firmware, DUTCH*Star has a Set PID tool for Windows. I’m not sure if the Linux version is on the DUTCH*Star website. If not, contact DUTCH*Star. I can also help if you catch Fred during his move.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, August 14, 2014 9:38 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Re: Moan board and DVRPTR on the same pi

Hi
The experimental (but stable) Western D-Star image will run upto four modems the gateway and the other stuff required to run your node.

Look for the youtube video, although it's poor quality it shows the potential

Regards
Brian
gw6wtk

Sent from Samsung Mobile

-------- Original message --------
From: "m1dns.gb3hb@gmail.com [gmsk_dv_node]"
Date:14/08/2014 15:43 (GMT+00:00)
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Moan board and DVRPTR on the same pi

The program cannot be run on more than one instance without a /switch.....
Call first instance as dstarrepeater PORTB
then run the second instance as dstarrepeater PORTC
Config them the same way dstarrepeaterconfig PORTB &
dstarrepeaterconfig PORTC
A.

11173. Re: [gmsk_dv_node] Re: Moan board and DVRPTR on the same pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-15 11:52:17 UTC
From: Will Wright
Topic: 11165 Message: 11173

If one one the modem is GSMK and the other is DVRPTR then a Second PID
is not needed. They are different types of modems.

Will / W4WWM

n Fri, 2014-08-15 at 03:32 -0700, 'J. M. Moen' jim@...
[gmsk_dv_node] wrote:
>
> As Brian and others have pointed out, you don’t run multiple instances
> of the Repeater program, you just run a single instance and configure
> more than one modem in the Repeater 1, Repeater 2 etc. settings.
>
> I believe W5PFR has two different kinds of modems, but for others
> reading the mail, if you want to run more than one GMSK Modem
> connected by USB to the same computer, you will want to change the USB
> PID code. The first one can stay at the default 0300, but you will
> need to change the 2nd and more to have unique PIDs.
>
> If you have modems running DUTCH*Star firmware, DUTCH*Star has a Set
> PID tool for Windows. I’m not sure if the Linux version is on the
> DUTCH*Star website. If not, contact DUTCH*Star. I can also help if
> you catch Fred during his move.
>
> Jim - K6JM
>
> From: gmsk_dv_node@yahoogroups.com
> [mailto:gmsk_dv_node@yahoogroups.com]
> Sent: Thursday, August 14, 2014 9:38 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: Re: [gmsk_dv_node] Re: Moan board and DVRPTR on the same pi
>
>
>
> Hi
>
> The experimental (but stable) Western D-Star image will run upto
> four modems the gateway and the other stuff required to run your node.
>
> Look for the youtube video, although it's poor quality it shows the
> potential
>
> Regards
>
> Brian
>

> gw6wtk
>
> Sent from Samsung Mobile
>
> -------- Original message --------
>
> From: "m1dns.gb3hb@... [gmsk_dv_node]"
>
> Date:14/08/2014 15:43 (GMT+00:00)
>
> To: gmsk_dv_node@yahoogroups.com
>
> Subject: [gmsk_dv_node] Re: Moan board and DVRPTR on the same pi
>
>
>
> The program cannot be run on more than one instance without
> a /switch.....
>
> Call first instance as dstarrepeater PORTB
>
> then run the second instance as dstarrepeater PORTC
>
> Config them the same way dstarrepeaterconfig PORTB &
>
> dstarrepeaterconfig PORTC
>
> A.
>
>

11174. Re: [gmsk_dv_node] Re: Moan board and DVRPTR on the same pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-15 12:37:47 UTC
From: Brian GW6WTK
Topic: 11165 Message: 11174

Hi Will
Take a look at the (poor quality) video, it may help clarify any
points regarding what can and can't be run.
https://www.youtube.com/watch?v=pbwmHLJADTc

You can run different modem types with no problems, you CAN run more
than one instance of the same modem as long as it is called with
different config parameters, this image takes care of all that for you :-)
If you bear with the video quality it does show the potential.

Regards
Brian
gw6wtk

On 15/08/2014 12:52, Will Wright w4wwm@... [gmsk_dv_node] wrote:
>
> If one one the modem is GSMK and the other is DVRPTR then a Second PID
> is not needed. They are different types of modems.
>
> Will / W4WWM
>
> n Fri, 2014-08-15 at 03:32 -0700, 'J. M. Moen' jim@...
> [gmsk_dv_node] wrote:
> >
> > As Brian and others have pointed out, you don’t run multiple instances
> > of the Repeater program, you just run a single instance and configure
> > more than one modem in the Repeater 1, Repeater 2 etc. settings.
> >
> > I believe W5PFR has two different kinds of modems, but for others
> > reading the mail, if you want to run more than one GMSK Modem
> > connected by USB to the same computer, you will want to change the USB
> > PID code. The first one can stay at the default 0300, but you will
> > need to change the 2nd and more to have unique PIDs.
> >
> > If you have modems running DUTCH*Star firmware, DUTCH*Star has a Set
> > PID tool for Windows. I’m not sure if the Linux version is on the
> > DUTCH*Star website. If not, contact DUTCH*Star. I can also help if
> > you catch Fred during his move.
> >
> > Jim - K6JM
> >
> > From: gmsk_dv_node@yahoogroups.com
> > [mailto:gmsk_dv_node@yahoogroups.com]
> > Sent: Thursday, August 14, 2014 9:38 AM
> > To: gmsk_dv_node@yahoogroups.com
> > Subject: Re: [gmsk_dv_node] Re: Moan board and DVRPTR on the same pi

> >
> >
> >
> > Hi
> >
> > The experimental (but stable) Western D-Star image will run upto
> > four modems the gateway and the other stuff required to run your node.
> >
> > Look for the youtube video, although it's poor quality it shows the
> > potential
> >
> > Regards
> >
> > Brian
> >
> > gw6wtk
> >
> > Sent from Samsung Mobile
> >
> > -------- Original message --------
> >
> > From: "m1dns.gb3hb@... [gmsk_dv_node]"
> >
> > Date:14/08/2014 15:43 (GMT+00:00)
> >
> > To: gmsk_dv_node@yahoogroups.com
> >
> > Subject: [gmsk_dv_node] Re: Moan board and DVRPTR on the same pi
> >
> >
> >
> > The program cannot be run on more than one instance without
> > a /switch.....
> >
> > Call first instance as dstarrepeater PORTB
> >
> > then run the second instance as dstarrepeater PORTC
> >
> > Config them the same way dstarrepeaterconfig PORTB &
> >
> > dstarrepeaterconfig PORTC
> >
> > A.
> >
> >
>
>

11175. Re: Re: Re: [gmsk_dv_node] Re: Remote repeater gateway

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-15 15:19:15 UTC
From: Bill Plke
Topic: 11157 Message: 11175

Andrew (M1DNS),
Thank you ... first impression is "wow, it works".
Appears to be just what we needed. If there are any special considerstions we may run into a heads-up would be welcome.
?
Bill (K2ILH)
?
On 08/14/14, m1dns.gb3hb@... [gmsk_dv_node] wrote:

?

Put KLX repeater program in gateway mode....
First panel on config screen
mode : simplex, duplex, gateway, Tx Only, Rx Only. --> GATEWAY
Use ircbbdgateway alongside to handle the networking
Simples..
A.

11176. How to install and configure WinDV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-15 22:10:49 UTC
From: J. M. Moen
Topic: 11176 Message: 11176

I had promised to put up a page on WinDV. I finally published it today. It just covers the basics, but should be enough to get started. http://www.k6jm.com/hs-setupwindv.htm

My personal website has various web pages with D-Star information. The menu for these is at http://www.k6jm.com/dstarmenu.htm

The main Hotspot page is called “Building a D-Star Compatible Hotspot”. There is also a page “Configuring the Raspberry Pi using a GMSK Modem and G4KLX software.” There are other pages about how to build your own cable to connect to the analog radio, etc.

I still plan a page to be called “Install and configure ConDV.”

Jim – K6JM

’---

11177. Re: Re: Re: [gmsk_dv_node] Re: Remote repeater gateway

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-16 11:16:57 UTC
From: m1dns.gb3hb@...
Topic: 11157 Message: 11177

---In gmsk_dv_node@yahoogroups.com, <k2ilh@...> wrote : Andrew (M1DNS),Thank you ... first impression is "wow, it works". Appears to be just what we needed. If there are any special considerstions we may run into a heads-up would be welcome.

Bill (K2ILH)

On 08/14/14, m1dns.gb3hb@... [gmsk_dv_node]<gmsk_dv_node@yahoogroups.com> wrote:
Put KLX repeater program in gateway mode....

First panel on config screen
mode : simplex, duplex, gateway, Tx Only, Rx Only. --> GATEWAY
Use ircbbdgateway alongside to handle the networking

Simples..

A.

11178. Re: Re: Re: [gmsk_dv_node] Re: Remote repeater gateway

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-16 11:27:55 UTC
From: m1dns.gb3hb@...
Topic: 11157 Message: 11178

---In gmsk_dv_node@yahoogroups.com, <k2ilh@...> wrote : Andrew (M1DNS),Thank you ... first impression is "wow, it works". Appears to be just what we needed. If there are any special considerstions we may run into a heads-up would be welcome.

Bill (K2ILH Bill One thing you might want to watch is the repeater tail. We had a problem with our initial config, in the gateway caught the last few milliseconds of the repeater output, which would register the users call sign as working through our gateway.. Adjust the delay in the repeater s/ware to a couple milliseconds more and you won't suffer this as we did. A.

11179. Raspberry Pi model B+ (correction)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-16 19:30:27 UTC
From: J. M. Moen
Topic: 11179 Message: 11179

I had an error in my original post. After doing apt-get update and apt-get upgrade (which takes a long time), you need to reboot. Then issue rpi-update.

I have corrected that below.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, July 22, 2014 11:16 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] New Raspberry Pi model B+
Last week, the Raspberry Pi Foundation announced their new and (they say) final revision for their Raspberry Pi. The biggest changes are that the board now uses a microSD card instead of the full sized SD card, and they now have 4 USB ports instead of 2. It now has a 40 pin GPIO connector, but the 1st 26 pins have the same functions as previous Pi models, so in most cases, Pi boards still fit and work on the B+. They added mounting holes at the 4 corners and improved the layout, but that means the old Pi cases won't fit. B+ cases are already on the market.
For those who regularly keep their Linux up to date, the previous Pi's SD image should work on the new B+. They did update the Pi's firmware, so that has to be done. It's really simple.
In my case, running the westerndstar.co.uk GW6WTK image that has Debian Wheezy on it, and since I had not been keeping that up to date, I did the following on my original model B Pi. If not logged on as root, precede each command with sudo:
* apt-get update
* apt-get upgrade (takes a long time)
* shutdown –r now (reboot, then log back onto the Pi)
* rpi-update
(I looked at the article at http://www.instructables.com/id/Raspberry-Pi-B-boot-from-SD-Card/ to guide me, but the whole thing boils down to the above commands.)
My Pi's SD card is actually a microSD card in an SD adapter, so after the above, I simply pulled the microSD card from the adapter, placed it in the B+ and booted it up. First test was with ConDV with an Adafruit LCD plate with keys. Works fine.
If your Pi uses a standard SD card, just back it up using Win32DiskImager (or similar software), then write it back to a microSD card. But be sure the above commands have been done on the original Pi first.
I have not checked, but I assume providers of images for hams have or soon will update their images so they will run on the B+ right after the download.
It appears that in addition to now having 4 USB ports, they raised the power limits each one can pull, so if you have a 2.0 amp power supply for your B+, you probably won't need a powered USB hub for most uses.
According to the Raspberry Pi Foundation, this is not a major revision or a Pi 2.0. Rather, it has incorporated many of the good ideas people have submitted about the original Pi. It still has the same microprocessor, and the price remains at US $35. I bought mine from http://www.element14.com/community/community/raspberry-pi/raspberry-pi-bplus

Note: I have found that the amateur radio apps that I use (ConDV, G4KLX's DStarRepeater + ircDDBGateway, etc.) take from 10% to 25% (max) of the Pi's CPU. So I have no need for a faster processor.
The Chinese knockoff (called Banana Pi but not produced by or supported by the Raspberry Pi Foundation) has faster hardware all around, and it is really useful for developers who compile on the Pi itself, or who regularly use apps that need a faster CPU (for example, the BMC video server app). My point is that faster little PCs are useful, but so far, for most normal amateur radio users, they are not needed. So the Pi B+ is still perfect for most of us.
Jim – K6JM
PS I will soon be updating my web page "Configuring the Raspberry Pi using a GMSK Modem and G4KLX software" at http://www.k6jm.com/hs-piconfigG4KLX.htm with how to upgrade an image from an original Pi. As mentioned here, I also plan to create a similar page about configuring for ConDV. I wish there were more hours in the day….

11180. More D-Star documentation for Modem owners

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-17 01:36:49 UTC
From: J. M. Moen
Topic: 11180 Message: 11180

In the never-ending effort to provide documentation for people doing D-Star projects with GMSK Modems, I have updated a page and added another page on my personal website. These are listed on my D-Star menu page at http://www.k6jm.com/dstarmenu.htm.

“Configuring the Raspberry Pi using a GMSK Modem and G4KLX software” at http://www.k6jm.com/hs-piconfigG4KLX.htm was updated with details on using PuTTY to create an SSH command line session into your Pi. While not necessary, many people like to log on without using windowing, preferring native Linux commands. (Don’t worry, though, the page already covers how to use WinSCP for those who prefer to graphically navigate through their Pi.)

“Updating a Pi image to run on the Pi model B+” at http://www.k6jm.com/hs-setupbplus.htm was added.

I have finally started on pages covering how to install on the Pi and use the new ConDV application from DUTCH*Star.

Jim – K6JM

11181. Re: [gmsk_dv_node] Re: Moan board and DVRPTR on the same pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-17 21:43:18 UTC
From: w5pfr@...
Topic: 11165 Message: 11181

I think I know what's wrong. The firmware in my moan board is from 2012, and needs to be upgraded. Anyone can tell me how to get with Fred, so I can upgrade te firmware? Thanks in advance: Johnny

11182. RE: [gmsk_dv_node] Re: Moan board and DVRPTR on the same pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-17 23:15:45 UTC
From: J. M. Moen
Topic: 11165 Message: 11182

Normally just contact DUTCH*Star via email and ask Fred to send you the Beta version of firmware. Include your callsign and the firmware license code of your firmware.

To speed things up and since I have that info in my records, I will contact Fred for you with that info.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Sunday, August 17, 2014 2:43 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Re: Moan board and DVRPTR on the same pi

I think I know what's wrong. The firmware in my moan board is from 2012, and needs to be upgraded. Anyone can tell me how to get with Fred, so I can upgrade te firmware? Thanks in advance: Johnny

11183. RE: [gmsk_dv_node] Re: Moan board and DVRPTR on the same pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-18 12:39:37 UTC
From: w5pfr@...
Topic: 11165 Message: 11183

Thanks Jim. Best 73 Johnny

11184. contact homepage www.dutch-star.eu ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-19 12:08:23 UTC
From: df3sy@...
Topic: 11184 Message: 11184

Hi there,
Is there someone who can tell me a contact-address of the dutch-star.eu homepage ?
I send a a order 6 weeks ago and paid for it. I got a confirm-mail for my order but nothing else.
There is no answer if yo sent a message by the contact-form.
I hope that the people a still alive.
73 de Rainer, df3sy

11185. Kenwood G-707

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-22 02:06:22 UTC
From: n0meq@...
Topic: 11185 Message: 11185

I have a kenwood G-707 that I plan to use for a D-star hotspot. The radio has a provision for 1200bps/9600bps port. I will be using a moen board and probably the DVap software.

But, my question is, has anyone used a kenwood g-707 with this type of configuration?

Thanks
N0MEQ

11186. Re: Kenwood G-707

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-22 12:20:40 UTC
From: k6sjh@...
Topic: 11185 Message: 11186

I'm using a Kenwood V7A in that configuration connected to a Raspberry Pi B+. Works great, the audio levels are very critical and touchy, expect to open the radio up to tweak the deviation levels.
K6SJH

11187. Re: Kenwood G-707

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-22 11:03:32 UTC
From: digitalworld_28@...
Topic: 11185 Message: 11187

Hi JohnThe G-707 work's very well I've been using one almost 24/7 for the last 3 to 4 years and have had no problems at all.
Software used G4KLX, Dvar Hot Spot also Windv all working 100%

Hope that help's

Rob
M0AOV

11188. Re: [gmsk_dv_node] Kenwood G-707

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-23 03:09:59 UTC
From: Shawn P. Stokes
Topic: 11185 Message: 11188

I¹ve got both a 707 and the V7A and both have worked great and interchangeably using a moen board. The biggest issue I¹ve had with them is the typical cable like the ones you can get when you order your moen board are old PS2 type cables and you have to file/shave them down to fit into the port on the front of the radios. Otherwise no issues, been using mine for over a year now.

73,

Shawn

--
Shawn P. Stokes, KA3RQR
KA3RQR@...

From: "n0meq@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
Reply-To: <gmsk_dv_node@yahoogroups.com>
Date: Thursday, August 21, 2014 at 10:06 PM
To: <gmsk_dv_node@yahoogroups.com>
Subject: [gmsk_dv_node] Kenwood G-707

I have a kenwood G-707 that I plan to use for a D-star hotspot. The radio has a provision for 1200bps/9600bps port. I will be using a moen board and probably the DVap software.

But, my question is, has anyone used a kenwood g-707 with this type of configuration?

Thanks

N0MEQ

11189. GMSK Modems for sale

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-24 22:44:14 UTC
From: Fran Miele
Topic: 11189 Message: 11189

I have 5 spare used GMSK modems, some are MOENCOMM and some are “Not Quite So Mini” from Mark Philips, with cases for sale. $76.00 each shipped to anywhere in the CONUS. USPS money order is preferred. If you want to use PayPAL you will have to add 3% to cover their fee.

Contact me off the list. Fran at miele-family dot com I will not reply to anyone via the list.

Thanks

--Fran, W1FJM

IMPORTANT: The contents of this email and any attachments are confidential. They are intended for the named recipient(s) only. If you have received this email by mistake, please notify the sender immediately and do not disclose the contents to anyone or make copies thereof.

11190. RE: [gmsk_dv_node] GMSK Modems for sale

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-25 03:40:45 UTC
From: J. M. Moen
Topic: 11189 Message: 11190

To anyone who buys from Fran – I will support the Matrix Circuits (distributed by MoenComm) boards just as if it were bought directly from MoenComm. I will also help you to work with DUTCH*Star to transfer firmware license ownership to you.

I will also support the NQSMHS boards as best I can. They are similar and I have my own NQSMHS, so I should probably be able to help with those too. In any case, I'll do my best.

Jim – K6JM – MoenComm LLC

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Sunday, August 24, 2014 3:44 PM
To: gmsk_dv_node@yahoogroups.com; pcrepeatercontroller@yahoogroups.com; Ircddbgateway
Subject: [gmsk_dv_node] GMSK Modems for sale
I have 5 spare used GMSK modems, some are MOENCOMM and some are "Not Quite So Mini" from Mark Philips, with cases for sale. $76.00 each shipped to anywhere in the CONUS. USPS money order is preferred. If you want to use PayPAL you will have to add 3% to cover their fee. Contact me off the list. Fran at miele-family dot com I will not reply to anyone via the list.
Thanks
--Fran, W1FJM

11191. Re: [gmsk_dv_node] GMSK Modems for sale

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-25 14:11:30 UTC
From: Fran Miele
Topic: 11189 Message: 11191

Jim, Thanks for that!

--Fran, W1FJM

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They are intended for the named recipient(s) only. If you have received
this email by mistake, please notify the sender immediately and do not
disclose the contents to anyone or make copies thereof.

On Sun, Aug 24, 2014 at 11:40 PM, 'J. M. Moen' jim@k6jm.com [gmsk_dv_node] <
gmsk_dv_node@yahoogroups.com> wrote:

>
>
> To anyone who buys from Fran – I will support the Matrix Circuits
> (distributed by MoenComm) boards just as if it were bought directly from
> MoenComm. I will also help you to work with DUTCH*Star to transfer
> firmware license ownership to you.
>
> I will also support the NQSMHS boards as best I can. They are similar
> and I have my own NQSMHS, so I should probably be able to help with those
> too. In any case, I'll do my best.
>
> Jim – K6JM – MoenComm LLC
>
> *From:* gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com
> <gmsk_dv_node@yahoogroups.com>]
> *Sent:* Sunday, August 24, 2014 3:44 PM
> *To:* gmsk_dv_node@yahoogroups.com; pcrepeatercontroller@yahoogroups.com;
> Ircddbgateway
> *Subject:* [gmsk_dv_node] GMSK Modems for sale
>
> I have 5 spare used GMSK modems, some are MOENCOMM and some are "Not Quite
> So Mini" from Mark Philips, with cases for sale. $76.00 each shipped to
> anywhere in the CONUS. USPS money order is preferred. If you want to use
> PayPAL you will have to add 3% to cover their fee.
>
> Contact me off the list. Fran at miele-family dot com I will not reply
> to anyone via the list.
>
> Thanks
>
> --Fran, W1FJM
>
>
>

11192. RE: [gmsk_dv_node] GMSK Modems for sale

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-26 21:31:54 UTC
From: J. M. Moen
Topic: 11189 Message: 11192

Jamie,

I will need the serial number on the back of the board so I can look up the firmware license code. When I sell a board, I include the firmware license, but when people have more than one board, they may not keep track of which license goes with which board, so it’s easier for me to just look it up.

Jim – K6JM

From: Jamie Pugh [mailto:jkpugh@gmail.com]
Sent: Tuesday, August 26, 2014 7:17 AM
To: jim@...
Subject: Re: [pcrepeatercontroller] RE: [gmsk_dv_node] GMSK Modems for sale

Hi Jim.

I just purchased one of Fran's Moencomm boards he had listed for sale. How do I go about getting a license transferred? Do I need to wait for the board to arrive? I'm going to need the beta firmware in order to use the G4KLX software as I recall.

thanks!
jamie N2VVL

11193. Logging onto Linux using SSH

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-26 21:59:50 UTC
From: J. M. Moen
Topic: 11193 Message: 11193

Many of us are not deep Linux experts, but the Raspberry Pi, BeagleBone Black and similar inexpensive Linux computers have caused us to learn some Linux.

Those of who have extensive experience with Linux (for example, DUTCH*Star's Fred PA4YBR, John KE7VE and Adrian VK4TUX) often gently encourage the rest of us to continue to learn more about Linux. The current availability of image files for the Raspberry Pi is a great way to go about this. My web page at http://www.k6jm.com/hs-piconfigG4KLX.htm shows how to use one of these images to set up a Hotspot using the Pi. These images allow us all to get the Pi up and running quickly, and after that, we have a great little platform to continue learning.

I like to log on directly to my Pi in terminal mode. When I want to do something new, I just use Bing or Google to search for "linux xxxxx". For example, if I search for "linux list files", I'll learn about the ls command. I can log onto the Pi and play with that command.

Images like those by Brian GW6WTK (westerndstar.co.uk) boot up with a windowing system running. Many people don't actually plug in a monitor, mouse and keyboard to their Pi, instead logging on over their internal network. Many use TightVNC to log onto Brian's images. They have full access to the Linux desktop windows, and they open LXTerminal to issue commands directly.

That works, but it is often simpler and quicker just to bypass windowing and log on directly to a terminal window using SSH. Many of us use the PuTTY program for that. For those who are learning Linux, I put up a small page with a few tips about installing and using PuTTY to provide terminal access to their Pi. It can be found at http://www.k6jm.com/hs-puttytips.htm.

(Experienced Linux users should probably skip this page ;<)

Jim – K6JM

11194. RE: [gmsk_dv_node] Logging onto Linux using SSH

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-26 22:03:41 UTC
From: J. M. Moen
Topic: 11193 Message: 11194

Sorry for the typos (corrected below). The important one is John’s callsign, which is K7VE.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, August 26, 2014 3:00 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Logging onto Linux using SSH

Many of us are not deep Linux experts, but the Raspberry Pi, BeagleBone Black and similar inexpensive Linux computers have caused us to learn some Linux.

Those who have extensive experience with Linux (for example, DUTCH*Star’s Fred PA4YBR, John K7VE and Adrian VK4TUX) often gently encourage the rest of us to continue to learn more about Linux. The current availability of image files for the Raspberry Pi is a great way to go about this. My web page at http://www.k6jm.com/hs-piconfigG4KLX.htm shows how to use one of these images to set up a Hotspot using the Pi. These images allow us all to get the Pi up and running quickly, and after that, we have a great little platform to continue learning.

I like to log on directly to my Pi in terminal mode. When I want to do something new, I just use Bing or Google to search for “linux xxxxx”. For example, if I search for “linux list files”, I’ll learn about the ls command. I can log onto the Pi and play with that command.

Images like those by Brian GW6WTK (westerndstar.co.uk) boot up with a windowing system running. Many people don’t actually plug in a monitor, mouse and keyboard to their Pi, instead logging on over their internal network. Many use TightVNC to log onto Brian’s images. They have full access to the Linux desktop windows, and they open LXTerminal to issue commands directly.

That works, but it is often simpler and quicker just to bypass windowing and log on directly to a terminal window using SSH. Many of us use the PuTTY program for that. For those who are learning Linux, I put up a small page with a few tips about installing and using PuTTY to provide terminal access to their Pi. It can be found at http://www.k6jm.com/hs-puttytips.htm.

(Experienced Linux users should probably skip this page ;<)

Jim – K6JM

11195. Node GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-26 22:37:25 UTC
From: ct1hdc@...
Topic: 11195 Message: 11195

Hello everyone

I have a board CMX589 GMSK Node Adapter dutch Rev. A -this pcb board is of the year 2010

and I want to update but I do not remember how to put pcb board in boot

if someone can help me.

Best regards,73

Paulo

11196. RE: [gmsk_dv_node] Node GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-27 19:23:14 UTC
From: J. M. Moen
Topic: 11195 Message: 11196

I’m not the expert but will try to help. You need set the JP1 jumper, which forces the firmware to go into Program mode.

Remember that with JP1 jumpered, when you bring up NAWinCFG, it will say “Node adapter not detected”, even though the board’s USB cable has been plugged in. Just ignore that message and go to Tools, select Update Firmware.

Click Browse, navigate to your firmware hex file and select it. Check the Update EEProm data box and click the Update button.

Be sure to remove the JP1 jumper after the firmware has been updated.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, August 26, 2014 3:37 PM
To: gmsk_dv_node@...m
Subject: [gmsk_dv_node] Node GMSK
Hello everyone
I have a board CMX589 GMSK Node Adapter dutch Rev. A -this pcb board is of the year 2010 and I want to update but I do not remember how to put pcb board in boot if someone can help me.
Best regards,73
Paulo

11197. RE: [gmsk_dv_node] Node GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-27 20:37:49 UTC
From: ct1hdc@...
Topic: 11195 Message: 11197

Hi Jim
thanks for answering, I did it, but still giving me this error : Board not responding to Prog request.

Best regards,73
Paulo

11198. RE: [gmsk_dv_node] Node GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-28 00:08:58 UTC
From: J. M. Moen
Topic: 11195 Message: 11198

The bootloader may not be running. A quick way to check on a Windows machine is to bring up Device Manager, then plug in the board with the JP1 jumper on. If Device Manager shows a new HID (human interface device) appear, then the bootloader is running ok.

If it is not, then you will need to use a PICkit to first load a new bootloader program onto the PIC chip. Then you will be able to use NAWinCFG to load the firmware.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, August 27, 2014 1:38 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Node GMSK

Hi Jim
thanks for answering, I did it, but still giving me this error : Board not responding to Prog request.

Best regards,73
Paulo

11199. GMSK Board Identification

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-28 01:01:54 UTC
From: n0meq@...
Topic: 11199 Message: 11199

Does anyone know if the moencomm GMSK board can be set up to ID in simplex mode? Once I get the hotspot up and running I believe it is required to ID itself with my call as the control operator....

Thanks
John
N0MEQ

11200. RE: [gmsk_dv_node] GMSK Board Identification

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-28 03:24:02 UTC
From: Brad Kellison
Topic: 11199 Message: 11200

The GMSK board doesn’t do IDing. If you are running the G4KLX DSTARRREPEATER software you can set it up to ID. But please do not set it up to beacon. You do not need to ID every 10 minutes on dstar as you do analog. Every time you transmit it ID’s

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, August 27, 2014 9:02 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] GMSK Board Identification

Does anyone know if the moencomm GMSK board can be set up to ID in simplex mode? Once I get the hotspot up and running I believe it is required to ID itself with my call as the control operator....

Thanks

John

N0MEQ

<http://thirdpartyoffers.juno.com/TGLI3156/?u=http://newsletter.adsonar.com/nwrss/imgs/nwr_1560786_36140222_379054_2070767_4_2.PNG?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&zw=500&zh=70&v=5&url=NA&uid=>

11201. RE: [gmsk_dv_node] Node GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-28 13:17:05 UTC
From: ct1hdc@...
Topic: 11195 Message: 11201

Hi Jim
good idea, I have a problem in this computer can never do update my dvrptr this computer with LM FLASH PROGRAMMER, do not know some conflict with some program.
soon I will test later with an old computer is the computer that I update the dvrptr.

excuse my bad english.

Best regards,73
Paulo

11202. RE: [gmsk_dv_node] Node GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-29 13:06:53 UTC
From: ct1hdc@...
Topic: 11195 Message: 11202

Hi Jim
here I am again, already working GMSK
good weekend
thank you

Best regards,73
Paulo

11203. HF and dongle

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-30 12:54:53 UTC
From: W. Engelke
Topic: 11203 Message: 11203

I tried to search Yahoo group for this, and finally gave up - what a crufty system. Anyway, I have a nicely working dstar hotspot using the Icom 706 MKII2G, the star*board, and currently a RPi.

It occurred to me that the 706 could work on HF, and I started wondering if I could participate in the HF dstar work by putting the 706 on the HF frequency, connecting the star*board to a Windows box, and using a dvdongle. I just don't know if the software for dvdongle will allow me to interface it (in software) to the star*board (rather than trying to connect to the dstar network).

Have you heard of anyone trying this?

-73- Bill AB4EJ

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

11204. RE: [gmsk_dv_node] HF and dongle

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-30 15:11:24 UTC
From: Brad Kellison
Topic: 11203 Message: 11204

Yes you can but use G4KLX Software when you run it instead of the DVDongle tools. Check out the videos on youtube by Michael Carry VK5ZEA.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, August 30, 2014 8:55 AM
To: 'J. M. Moen' jim@... [gmsk_dv_node]
Subject: [gmsk_dv_node] HF and dongle

I tried to search Yahoo group for this, and finally gave up - what a crufty system. Anyway, I have a nicely working dstar hotspot using the Icom 706 MKII2G, the star*board, and currently a RPi.

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Have you heard of anyone trying this?

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http://www.avast.com

_____
<http://thirdpartyoffers.juno.com/TGLI3156/?u=http://newsletter.adsonar.com/nwrss/imgs/nwr_1560786_36140222_379054_2070767_4_2.PNG?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&zw=500&zh=70&v=5&url=NA&uid=>

11205. RE: [gmsk_dv_node] HF and dongle

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-08-30 21:45:22 UTC
From: J. M. Moen
Topic: 11203 Message: 11205

Bill,

The G4KLX program GMSKClient, with a modem and access to the AMBE vocoder (for example, using the DV Dongle) will allow an analog FM transceiver to do D-Star compatible Digital Voice. You will either need a soundcard with speaker/mike connected, or a USB headset. You need to tell GMSKCLient what input and output sound devices to use.

The operating experience is not as smooth as having an ICOM 7100 or 9100, but you can have QSOs and that’s where the fun is. The main drawback is that when you change bands, a given radio may change the RX Invert and/or TX Invert requirements. Currently, that is configured in the firmware settings, so it means you may have to run NAWinCFG whenever you change bands. This is not always true, but it's the worst case.

What people do during setup is to figure out the radio’s RX and TX Invert requirements for each HF band to be used and make up a simple chart. Then if tuned into the DSTAR HF Net, when they switch to another band, you can quickly reconfigure without having to test. It’s not smooth, but it allows you the fun of HF D-Star.

Regarding the one-time setup procedures: If your HF rig also has VHF/UHF and you have a VHF/UHF D-Star radio or HT, get started with settings on one of those bands. The normal way is to use NAWinTEST’s RF Read and Echo Test. This will get the TX trim pot set right.

Next, using GMSKClient, it is fairly easy to find the correct RX Invert settings -- just tune into the DSTAR HF Net and listen – if you hear a good signal but it is not being decoded, it probably means RX Invert needs to be flipped. Use NAWinCFG to flip RX Invert and it will probably decode. Make a note of the band and RX Invert setting.

Finding the correct TX Invert settings is harder. The best way is to get help from a nearby ham who either has a 7100 or 9100, or has a homebrew setup like yours will be. You can transmit and see if the other ham can decode – if not, flip TX Invert. Once it decodes, fine-tune the TX trim pot (R36 on the Star*Board) for best decoding at the other end. Make a note of the band and TX Invert setting.

If you have questions, I’ll be happy to work with you. Just email me directly.

Jim – K6JM

PS You probably have already checked out the resources on the web, but for other readers, here are a couple:
* http://www.dstarinfo.com/DSTARHFNet.aspx
* http://hf.dstar-relay.net/

PPS The above assumes using Windows, but of course G4KLX’s GMSKClient can be compiled and installed on the Pi or other Linux machines. There are also Linux versions of the DUTCH*Star utilities.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, August 30, 2014 8:11 AM

To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] HF and dongle
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Sent: Saturday, August 30, 2014 8:55 AM
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Subject: [gmsk_dv_node] HF and dongle
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It occurred to me that the 706 could work on HF, and I started wondering if I could participate in the HF dstar work by putting the 706 on the HF frequency, connecting the star*board to a Windows box, and using a dvdongle. I just don't know if the software for dvdongle will allow me to interface it (in software) to the star*board (rather than trying to connect to the dstar network).

Have you heard of anyone trying this?

-73- Bill AB4EJ

11206. IRCDDB

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-09-03 14:54:43 UTC
From: n0meq@...
Topic: 11206 Message: 11206

I plan to put up a d-star hotspot using a moencomm board and dvar software. Could I run the ircddb software as well? Thanks

11207. Re: [gmsk_dv_node] IRCDDB

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-09-03 15:24:09 UTC
From: Fran Miele
Topic: 11206 Message: 11207

You would run Ircddbgateway/DSTARREPEATER instead of dvar

--Fran

IMPORTANT: The contents of this email and any attachments are confidential.
They are intended for the named recipient(s) only. If you have received
this email by mistake, please notify the sender immediately and do not
disclose the contents to anyone or make copies thereof.

On Wed, Sep 3, 2014 at 10:54 AM, n0meq@... [gmsk_dv_node] <
gmsk_dv_node@yahoogroups.com> wrote:

>
>
> I plan to put up a d-star hotspot using a moencomm board and dvar
> software. Could I run the ircddb software as well? Thanks
>
>

11208. RE: [gmsk_dv_node] IRCDDB

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-09-03 23:44:43 UTC
From: Brad Kellison
Topic: 11206 Message: 11208

You first need the beta update firmware from Fred PA4YBR. Then you would run G4KLX dstarrepeater with ircddbagteway software and then it will work for you. Just make sure to set rr.openquad.net for your ircddbgateway as an individual hotspot.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, September 3, 2014 10:55 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] IRCDDB

I plan to put up a d-star hotspot using a moencomm board and dvar software. Could I run the ircddb software as well? Thanks

_____
<http://thirdpartyoffers.juno.com/TGLI3156/?u=http://newsletter.adsonar.com/nwrss/imgs/nwr_1560786_36140222_379054_2070767_4_2.PNG?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&zw=500&zh=70&v=5&url=NA&uid=>

11209. on8jl hotpots

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-09-04 15:20:16 UTC
From: ea8ee
Topic: 11209 Message: 11209

on8jl hotpot sell autoconfigurable pc without the web, update of firnware
wired pc and terminal display program, uhf 10mw in sending beacons aprs
ea8ee1@...

11210. RE: [gmsk_dv_node] IRCDDB

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-09-07 02:49:54 UTC
From: J. M. Moen
Topic: 11206 Message: 11210

In addition to the G4KLX programs (DStarRepeater and ircDDBGateway) mentioned in other posts, you have the options of using DUTCH*Star ConDV or Free Star. As I said in my direct email to you, no matter which you choose, I'll be happy to work with you to get things set up and running.

The advantage of setting up an ircDDB gateway is that you can do ICOM G2-style callsign routing, including to users on ICOM G2 repeater/gateways if they are running the ircDDB add-in. The G4KLX programs also support StarNet, which leverages callsign routing to create groups.

But by far the most popular use of networking on D-Star right now are the linking protocols. I'm curious what you will be using ircDDB for?

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, September 03, 2014 7:55 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] IRCDDB
I plan to put up a d-star hotspot using a moencomm board and dvar software. Could I run the ircddb software as well? Thanks._,_.___

Posted by: n0meq@...

11211. ft-2600m radio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-09-10 01:08:50 UTC
From: hamradioman12@...
Topic: 11211 Message: 11211

hello group i have the raspberrypi and the westerndestar image installed my question is my ft-8500 data port works well withe thre raspberrypi and the bananapi but when i hook up my ft-2600m to the raspberrypi to the gmsk board image well run all works hook up to the ft-2600 but so wired no sound at all nada zippo cacaca anybody have a clue out there thanks

11212. Re: ft-2600m radio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-09-10 09:06:49 UTC
From: m1dns.gb3hb@...
Topic: 11211 Message: 11212

Try inverting the audio settings in the software. Differing radios often require different audio configuration.

A.

---In gmsk_dv_node@yahoogroups.com, <hamradioman12@...> wrote :

hello group i have the raspberrypi and the westerndestar image installed my question is my ft-8500 data port works well withe thre raspberrypi and the bananapi but when i hook up my ft-2600m to the raspberrypi to the gmsk board image well run all works hook up to the ft-2600 but so wired no sound at all nada zippo cacaca anybody have a clue out there thanks

11213. RE: [gmsk_dv_node] ft-2600m radio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-09-13 01:07:30 UTC
From: J. M. Moen
Topic: 11211 Message: 11213

Adding to the post by M1DNS, when you change radios, the fastest way to re-configure your GMSK modem for the new radio is to go back to Windows and use NAWinTEST. First run RF Read. If the callsign and header info do not display when receiving from a D-Star radio, exit NAWinTEST and load up NAWinCFG. Change the RX Invert setting, save and try NAWinTEST/RF Read again.

When that is working, try Echo Test. If that works somewhat but your D-Star radio is not decoding clearly, then adjust your GMSK Modem's TX trim pot to get perfect decoding.

If there is no decoding at all, then exit NAWinTEST and bring up NAWinCFG. Change the TX Invert setting, save and exit. Try NAWinTEST/Echo Test again and adjust the TX trim pot as needed.

One the GMSK Modem works with the new radio using NAWinTEST, it should also work when using it on the Raspberry Pi.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, September 09, 2014 6:09 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] ft-2600m radio
hello group i have the raspberrypi and the westerndestar image installed my question is my ft-8500 data port works well withe thre raspberrypi and the bananapi but when i hook up my ft-2600m to the raspberrypi to the gmsk board image well run all works hook up to the ft-2600 but so wired no sound at all nada zippo cacaca anybody have a clue out there thanks

11214. MoenComm Board with FT-8800

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-09-15 23:52:10 UTC
From: af9w@...
Topic: 11214 Message: 11214

I know many of you have been successful setting up a GMSK modem with the Yaesu FT-8800 but I have tried both of the radios I own and neither will work. Both pass the slow data but no audio. I have spent 3-4 hours over multiple days playing with them.

I am thinking of making the R6 resistor mod to the board but before I did I was wondering if anyone could suggest how to measure the output at the radio packet connecter (6pin DIN). I would like to compare the output of the FT-817 that works fine with the FT-8800. I don't have immediate access to a service monitor.

Bob
AF9W

11215. Re: [gmsk_dv_node] MoenComm Board with FT-8800

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-09-15 23:59:32 UTC
From: Richard Bateman
Topic: 11214 Message: 11215

I did have to tweak a software setting (something with TX I think) to get it to work with my 8800/7800 (same setting for either radio worked). Make sure you've tried that.

Richard

From: "af9w@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
Reply-To: <gmsk_dv_node@yahoogroups.com>
Date: Monday, September 15, 2014 at 17:52
To: <gmsk_dv_node@yahoogroups.com>
Subject: [gmsk_dv_node] MoenComm Board with FT-8800

11216. Re: [gmsk_dv_node] MoenComm Board with FT-8800

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-09-16 00:11:33 UTC
From: david barclon
Topic: 11214 Message: 11216

dont feel bad i have ft-2600m and tryed many hours trying to get it going nothing on my end too

On Monday, September 15, 2014 4:59 PM, "Richard Bateman richard@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

I did have to tweak a software setting (something with TX I think) to get it to work with my 8800/7800 (same setting for either radio worked). Make sure you've tried that.

Richard

From: "af9w@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
Reply-To: <gmsk_dv_node@yahoogroups.com>
Date: Monday, September 15, 2014 at 17:52
To: <gmsk_dv_node@yahoogroups.com>
Subject: [gmsk_dv_node] MoenComm Board with FT-8800

11217. Re: [gmsk_dv_node] MoenComm Board with FT-8800

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-09-16 06:01:50 UTC
From: brian
Topic: 11214 Message: 11217

Hi Richard I have had (and spent hours) similar issues with different radios but evetually succeeded with them all. The key things the I would check if I were you are. Radio set to 9600 buad Try invert/non-invert tx ad rx Set tx level to around 18-20 I have found the tx level to be especially critical depending on the radio you are monitoring your node's output with. In my experience, once setup it is very stable. Regards Brian gw6wtk Sent from Samsung Mobile
-------- Original message --------
From: "david barclon hamradioman12@yahoo.com [gmsk_dv_node]"
Date:16/09/2014 01:11 (GMT+00:00)
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] MoenComm Board with FT-8800

dont feel bad i have ft-2600m and tryed many hours trying to get it going nothing on my end too On Monday, September 15, 2014 4:59 PM, "Richard Bateman richard@batemansr.us [gmsk_dv_node]" wrote: I did have to tweak a software setting (something with TX I think) to get it to work with my 8800/7800 (same setting for either radio worked). Make sure you've tried that. Richard From: "af9w@bobandgloria.com [gmsk_dv_node]" Reply-To: Date: Monday, September 15, 2014 at 17:52 To: Subject: [gmsk_dv_node] MoenComm Board with FT-8800

11218. Re: [gmsk_dv_node] HF and dongle

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-09-19 00:45:53 UTC
From: W. Engelke
Topic: 11203 Message: 11218

Following up on this:
The G4KLX software seems to be RaspberryPi specific. Is there a code
for Windows, which will allow me to use my hotspot to route HF dstar
data to a Dvdongle? i.e.,

HF dstar net -> Icom 706 MKIIG -> star*board -> USB connection ->
Windows PC -> Dvdongle -> mike & speakers

-73- Bill, AB4EJ

On 8/30/2014 10:11 AM, 'Brad Kellison' nk8j@... [gmsk_dv_node] wrote:
>
> Yes you can but use G4KLX Software when you run it instead of the
> DVDongle tools. Check out the videos on youtube by Michael Carry VK5ZEA.
>
> *From:*gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
> *Sent:* Saturday, August 30, 2014 8:55 AM
> *To:* 'J. M. Moen' jim@... [gmsk_dv_node]
> *Subject:* [gmsk_dv_node] HF and dongle
>
> I tried to search Yahoo group for this, and finally gave up - what a
> crufty system. Anyway, I have a nicely working dstar hotspot using the
> Icom 706 MKII2G, the star*board, and currently a RPi.
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> to interface it (in software) to the star*board (rather than trying to
> connect to the dstar network).
>
> Have you heard of anyone trying this?
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> -73- Bill AB4EJ
>
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> This email is free from viruses and malware because avast! Antivirus
> protection is active.
> http://www.avast.com
>
>
>
> --
>
>

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

11219. Re: [gmsk_dv_node] HF and dongle

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-09-19 02:44:30 UTC
From: Matthew Pitts
Topic: 11203 Message: 11219

Bill,

The G4KLX software is cross-platform, though a lot of people are using it primarily on the Raspberry Pi. The software you're looking for would be found in the dstar_development Yahoo Group, if I'm not mistaken.

Matthew Pitts
N8OHU

On September 18, 2014 8:45:53 PM AST, "'W. Engelke' engelke77@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:
>Following up on this:
>The G4KLX software seems to be RaspberryPi specific. Is there a code
>for Windows, which will allow me to use my hotspot to route HF dstar
>data to a Dvdongle? i.e.,
>
>HF dstar net -> Icom 706 MKIIG -> star*board -> USB connection ->
>Windows PC -> Dvdongle -> mike & speakers
>
>-73- Bill, AB4EJ
>
>On 8/30/2014 10:11 AM, 'Brad Kellison' nk8j@juno.com [gmsk_dv_node]
>wrote:
>>
>> Yes you can but use G4KLX Software when you run it instead of the
>> DVDongle tools. Check out the videos on youtube by Michael Carry
>VK5ZEA.
>>
>> *From:*gmsk_dv_node@yahoogroups.com
>[mailto:gmsk_dv_node@yahoogroups.com]
>> *Sent:* Saturday, August 30, 2014 8:55 AM
>> *To:* 'J. M. Moen' jim@... [gmsk_dv_node]
>> *Subject:* [gmsk_dv_node] HF and dongle
>>
>> I tried to search Yahoo group for this, and finally gave up - what a
>> crufty system. Anyway, I have a nicely working dstar hotspot using
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>> It occurred to me that the 706 could work on HF, and I started
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>>
>> Have you heard of anyone trying this?
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>> -73- Bill AB4EJ
>>
>> ---
>> This email is free from viruses and malware because avast! Antivirus
>> protection is active.
>> http://www.avast.com
>>
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>> _____
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>
>---
>This email is free from viruses and malware because avast! Antivirus
>protection is active.
>http://www.avast.com

--
Sent from my Android device with K-9 Mail. Please excuse my brevity.

11220. Re: [gmsk_dv_node] HF and dongle

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-09-19 14:46:25 UTC
From: m1dns.gb3hb@...
Topic: 11203 Message: 11220

Bill

Jonathan wrote an application to do just this. it uses the ambe decoder of the dv dongle and the gmsk board to interface to your radio..

I think its name was GMSK client, and it was found in the dstar development yahoo group.. or search yahoo groups for G4KLX

A.

11221. Enclosure Box For Moencomm Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-09-24 03:28:18 UTC
From: n0meq@...
Topic: 11221 Message: 11221

Anyone have suggestions for placing the GMSK moencomm board in a case other then the Altoids box? Anything that is cut for the connections similar to cases for the raspberry pi?

Thanks
N0MEQ

11222. RE: [gmsk_dv_node] Enclosure Box For Moencomm Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-09-24 08:18:24 UTC
From: Brad Kellison
Topic: 11221 Message: 11222

I used an electrical box like George Thomas W5JDX used on Amatuerlogic.tv for his raspberry pi. Just place the pi at the bottom and the GMSK moencomm board on the lid. All in one box..if you need pics to see it I have pics of it.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, September 23, 2014 11:28 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Enclosure Box For Moencomm Board

Anyone have suggestions for placing the GMSK moencomm board in a case other then the Altoids box? Anything that is cut for the connections similar to cases for the raspberry pi?

Thanks

N0MEQ

<http://thirdpartyoffers.juno.com/TGLI3156/?u=http://newsletter.adsonar.com/nwrss/imgs/nwr_1560786_36140222_379054_2070767_4_2.PNG?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&zw=500&zh=70&v=5&url=NA&uid=>

11223. RE: [gmsk_dv_node] Enclosure Box For Moencomm Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-09-24 11:27:12 UTC
From: kb3fn10@...
Topic: 11221 Message: 11223

Do you have a link to look at what George is using? Lynn -KB3FN

11224. Re: [gmsk_dv_node] Enclosure Box For Moencomm Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-09-24 14:28:18 UTC
From: Mike Penkas
Topic: 11221 Message: 11224
Attachments: 1 described; binary payloads are missing from this source WARC

Here is what I did with a couple pieces of Lexan and some standoffs
Mike WA8EBM

On 9/23/2014 11:28 PM, n0meq@... [gmsk_dv_node] wrote:
>
> Anyone have suggestions for placing the GMSK moencomm board in a case
> other then the Altoids box? Anything that is cut for the connections
> similar to cases for the raspberry pi?
>
>
>
> Thanks
>
> N0MEQ
>
>

11225. RE: [gmsk_dv_node] Enclosure Box For Moencomm Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-09-24 15:58:09 UTC
From: Don Woodward
Topic: 11221 Message: 11225
Attachments: 1 described; binary payloads are missing from this source WARC

Here’s mine – ordered it on eBay and cut out the connections myself – this picture is with the cover off.

73’s

Don Woodward

KD4APP

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, September 23, 2014 11:28 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Enclosure Box For Moencomm Board

Anyone have suggestions for placing the GMSK moencomm board in a case other then the Altoids box? Anything that is cut for the connections similar to cases for the raspberry pi?

Thanks

N0MEQ

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4765 / Virus Database: 4025/8265 - Release Date: 09/23/14

11226. Re: Enclosure Box For Moencomm Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-09-25 12:23:11 UTC
From: randy2@...
Topic: 11221 Message: 11226
Attachments: 2 described; binary payloads are missing from this source WARC

I still have several of these die-cast aluminum boxes left. $ 15.00 including Priority Mail.

The opening in the side of the box was cut using a hacksaw then breaking the remaining tab off with pliers. Not pretty but functional.

Randy
WB0VHB

11228. How much is this unit cost

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-09-28 19:05:07 UTC
From: mi6rww@...
Topic: 11228 Message: 11228

DUTCH*Star GMSK Modem

11229. RE: [gmsk_dv_node] HF and dongle

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-09-30 04:18:52 UTC
From: J. M. Moen
Topic: 11203 Message: 11229

(Sorry for the late post. Busy around here.)

Great question. Matthew N8OHU and Andrew M1DNS are right – the various G4KLX programs also work on Windows.

Rather than create a Hotspot (which links to the internet and turns the analog radio into a way to hear and talk to repeaters and reflectors), what you want to do is adapt an analog radio to act similarly to a D-Star radio. All that's needed is access to an AMBE chip (e.g. the DV Dongle or NW Digital DV3000) and a program whose purpose is to manage the radio and the AMBE chip.

G4KLX has written such programs. He has several versions, depending on the interface with the radio (sound card, GMSK modem like the Star*Board, DVRPTR board, etc). The one you need for your Star*Board, as Andrew mentioned, is the GMSKClient program, available from the Files section of the dstar_development Yahoo Group. For a visual look, check out http://www.k6jm.com/images/GMSKClientDiag.pdf

It has to be setup to access the AMBE chip and the GMSK Modem. It lets you configure it like you would a D-Star radio, that is, to define MyCall, RPT1, RPT2 etc. You use your PC's speaker and mike connections (or a USB headset with mike). The program has a PTT button that you click on with the mouse in order to transmit.

From the GMSKClient doc: "The purpose of this program is to emulate a D-Star capable radio. To this end it
requires access to a 9600Bd capable radio, connected to a GMSK Modem, a sound card for headphones/microphone (I use a USB headset from Logitech), and access to a DV-Dongle. With these items, you should be ready to go." Since that was written, it is also possible to use a NW Digital DV3000 instead of the DV Dongle.

What is tricky is that analog radios can demand different RX Invert and TX Invert settings, depending on the band you are using. For those using GMSKClient to do D-Star on HF, this means you have to do a one-time setup process by working with another HF D-Star radio (e.g. a nearby friend's 9100 or 7100) to find out the correct settings for each HF band you plan to use. This is really the main task you will have when changing HF bands. Most people just keep a little chart of the band, RX Invert and TX Invert settings. When they change bands, they just bring up NAWinCFG and change those Invert settings as needed for that band.

I have more info on how to do the initial setup if you are interested, but the above is the main summary.

Keep in mind that while D-Star is not the ideal digital voice protocol for HF, it really does work when band conditions are good, and it is providing a lot of fun for those with D-Star capability on HF.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, September 18, 2014 5:46 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] HF and dongle
Following up on this:
The G4KLX software seems to be RaspberryPi specific. Is there a code for Windows, which will allow me to use my hotspot to route HF dstar data to a Dvdongle? i.e.,

HF dstar net -> Icom 706 MKIIG -> star*board -> USB connection -> Windows PC -> Dvdongle -> mike & speakers

-73- Bill, AB4EJ

11230. Kenwood TM-G707 Drive

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-09-30 14:21:09 UTC
From: n0meq@...
Topic: 11230 Message: 11230

Has anyone used a Kenwood g707 radio with a gmsk moencomm? I am encountering possible issue with the drive....

Thanks

11231. Re: [gmsk_dv_node] Kenwood TM-G707 Drive

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-09-30 15:04:13 UTC
From: John Hansen
Topic: 11230 Message: 11231

I had that problem using a D700 with the moen board. I shorted out a resistor on the board to increase the drive level and it worked great. There is a photo in the files section with the name moen.jpg. Search for W2FS and you will find it.

John W2FS

On Tue, Sep 30, 2014 at 10:21 AM, n0meq@arrl.net [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

>
>
> Has anyone used a Kenwood g707 radio with a gmsk moencomm? I am
> encountering possible issue with the drive....
>
> Thanks
>
>

11232. Re: [gmsk_dv_node] Kenwood TM-G707 Drive

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-09-30 18:33:55 UTC
From: Mike Penkas
Topic: 11230 Message: 11232

I have 2 MoenBoards. one was modified by Jim for my D700 (which
probably has the same issues as the 707). R6 is 100K on that board with
R4 being 220K. It works fine with the D700. The second board is not
modified and is stock and it came with a 47K at R4 and R6.
It also works with my D700 but the pot is right at the end stop.
Mike WA8EBM

On 9/30/2014 10:21 AM, n0meq@... [gmsk_dv_node] wrote:
>
> Has anyone used a Kenwood g707 radio with a gmsk moencomm? I am
> encountering possible issue with the drive....
>
> Thanks
>
>

11233. Attending Pacificon? Check out the D-STAR Forum

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-09 21:46:15 UTC
From: J. M. Moen
Topic: 11233 Message: 11233

If you will be at the Pacificon Hamfest in Santa Clara, CA this weekend, you will want to know about the D-STAR Forum. It will be held Saturday starting at 9:30am in the Santa Barbara Room.

We have a terrific Forum this year. We'll briefly cover how D-STAR got started and how it has grown. Then we'll dive into the meat of our Forum. Presenters include:

* John Hays K7VE of NW Digital. John will talk about NW Digital's terrific new products that can used with D-STAR. John is a deep expert in D-STAR and amateur radio in general. You won't want to miss this.
* Ed Kane W6ONT is an engineer from Southern California. He'll talk about the PAPA System and the exciting D-STAR activities going on there, as well as a project looking at using D-STAR for Emergency Communications.
* Jim Moen K6JM will talk about how you can do your own D-STAR compatible projects. These include using the inexpensive Raspberry Pi and similar small computers. D-STAR continues to evolve, and Jim will talk about new and about to be released products. Get up to date on D-STAR!

AND, we are hoping to have special D-STAR guest. Stay tuned….

So come over to the Santa Barbara Room for the D-STAR Forum starting Saturday at 9:30am.

Pacificon Info: http://www.pacificon.org/

11234. MoenComm GMSK Node Adapter

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-10 23:51:20 UTC
From: n0meq@...
Topic: 11234 Message: 11234

I am having difficulty with setting up my Simplex hotspot node adapter. I have all of the NAWin tools downloaded and in the testing phase.

I have a Kenwood TM-G707 transceiver with the 9600 port on the front. I have a mini din cable between the radio and node adapter board. Cables were purchased from moencomm as well. The first board I received was determined to not get enough drive from the radio so it was sent back to moencomm and Jim sent me a modified board.

I have all of the jumpers in the default position, I have both TX and RX inverts checked, if I uncheck the TX invert I am not able to use the Echo test feature of the test utility. I have CRC, last frame, half duplex and rssi report checked.

I have moved the TX pot in small increments and not able to hear anything, the only thing I can see is a dead carrier.

I have noticed that when I get to a certain spot with the tx pot that the yellow DCOS led stays lit, not sure this means anything.

Any help would be appreciated!

John
N0MEQ

11235. Re: MoenComm GMSK Node Adapter

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-11 01:19:13 UTC
From: n0meq@...
Topic: 11234 Message: 11235

UPDATE: I am using an icom ID-51 HT.....Now I am getting what sounds like an open squelch but no r2d2. The TX and RX invert is still chacked. When I adjust the node adapter tx pot I can increase the drive but just no r2d2 that at least I should have.....

N0MEQ

11236. Stand Alone Mode

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-11 01:49:00 UTC
From: n2kpk@...
Topic: 11236 Message: 11236

How to get the stand alone mode working? Can anyone help.

Jay

11237. Re: MoenComm GMSK Node Adapter

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-11 01:57:03 UTC
From: n0meq@...
Topic: 11234 Message: 11237

A REALLY EMBARRASSING UPDATE!!! Ok, I really feel stupid....anyway, my problem was with the kenwood radio, it was set for 1200bps and not 9600!!

Thanks to all anyway

N0MEQ

11238. Re: Stand Alone Mode

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-11 16:05:44 UTC
From: mi6rww@...
Topic: 11236 Message: 11238

Is it a baby star stand a lone? sorry in advice if it's not

11239. Re: Stand Alone Mode

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-11 19:17:37 UTC
From: n2kpk@...
Topic: 11236 Message: 11239

I referringto the gmsk board.

11240. If anyone has a Satoshi board and GM300 running successfully, could you

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-11 22:54:18 UTC
From: maurobilly@...
Topic: 11240 Message: 11240

If anyone has a Satoshi board and GM300 running successfully, could you
please help me I received well but when I push tx people another side just see my call sign but doesn't have audio.

11241. Re: Stand Alone Mode

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-12 11:55:34 UTC
From: m1dns.gb3hb@...
Topic: 11236 Message: 11241

Contact Fred at Dutchstar.

They are the only vendor offering the standalone firmware for the gmsk board AFAIK.

In the days before the Raspi and other small form factor PS's, I had it running one of my repeaters, with a remote RF gateway, and it worked well.

A.

11242. Re: If anyone has a Satoshi board and GM300 running successfully, could

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-12 17:26:12 UTC
From: g3vvt@...
Topic: 11242 Message: 11242

Have used the Satoshi board successfully for the last 5 years as a stand alone repeater and believe the GM300 series of radio may have been used in the past by others for the purpose or as a gateway controlled by a PC.

You do not specify which firmware and which version of the Satoshi board is in use as this may have some bearing on the problem, nor what you are doing with the system. The Motorola radios are understood to be usually fairly good when required to pass GMSK signals, though may need specific setting up of the radio itself.

Note that the TX header is provided by the on board PIC chip where the through audio has first to pass through the board RX side and be fed to the GMSK regenerator chip, so will depend on the RX side being set correctly both in sense and level. If you are getting the header would seem that the TX part is working?

What tests have you done with the Satoshi test programmes and have you set the Satoshi board with the appropriate set programme for the board firmware?

There have been several postings on the GMSK DV node adapter for the earlier Satoshi boards in this group, but little to my knowledge on the later boards that were developed. One posting by Kurt, DJ0ABR under the name "Harry May" on 27 February 2009 may help if you have an early Satoshi board as I have. The use of Satoshi "rf_read.exe" and "echotest.exe" programmes may assist in solving the problem and getting the TX/RX levels plus invert or normal setting for these correct. RX can be used in AUTO, but is better to set as fixed once the correct setting is found. It can be worth you having a look through the earlier postings for ideas.

Having been over 5 years since I had to go through all this so am rather rusty now about what to do, but have kept notes over the years on various topics to assist in this. The knowledge base in late 2008 was rather limited so most had to be some serious searching to get things working in the first place.

Since then the system has been extremely reliable with one fault being trace to a dry joint on the board op-amp negative supply pin caused by me not using a soldering iron with insufficient thermal capacity and a need to re-programme the Satoshi board after an abrupt power outage for OH power line maintenance to the remote site and possible generated spike deleting the repeater callsign, preventing any access. Once this was realised was a simple matter to run the Satoshi GMSK node adapter setting programme through my laptop to restore service. Need to add a 12V DC backup battery to the Tait T800 series 1 in use to prevent this in future and has the facility built in

anyway.

Regards,
Bob, G3VVT

11243. RE: [gmsk_dv_node] Re: Stand Alone Mode

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-12 23:48:13 UTC
From: Jay
Topic: 11236 Message: 11243
Attachments: 2 described; binary payloads are missing from this source WARC

I have contacted him on several occasions but never got the answer needed. I last asked about March of this year.
Still waiting for a response.

Jay n2gq.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Sunday, October 12, 2014 7:56 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Stand Alone Mode

Contact Fred at Dutchstar.

They are the only vendor offering the standalone firmware for the gmsk board AFAIK.

In the days before the Raspi and other small form factor PS's, I had it running one of my repeaters, with a remote RF gateway, and it worked well.

A.

11244. RE: [gmsk_dv_node] Re: Stand Alone Mode

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-14 17:21:16 UTC
From: m1dns.gb3hb@...
Topic: 11236 Message: 11244

Sorry Jay but that's the only people doing standalone for that board..

A.

11245. RE: [gmsk_dv_node] Re: Stand Alone Mode

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-14 22:29:49 UTC
From: Jay
Topic: 11236 Message: 11245

I guess it seems that support for this board seems lacking. Unless my emails are not getting through. Maybe Jim the person I purchased the board from can help. If not will purchase something that will do stand alone.

Jay n2gq

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, October 14, 2014 1:21 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: Stand Alone Mode

Sorry Jay but that's the only people doing standalone for that board..

A.

11246. Re: [gmsk_dv_node] Re: Stand Alone Mode

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-15 00:18:11 UTC
From: david barclon
Topic: 11236 Message: 11246

i have one what is wrong with it

On Tuesday, October 14, 2014 3:29 PM, "'Jay' n2kpk@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

I guess it seems that support for this board seems lacking. Unless my emails are not getting through. Maybe Jim the person I purchased the board from can help. If not will purchase something that will do stand alone.
Jay n2gq

From:gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, October 14, 2014 1:21 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: Stand Alone Mode

Sorry Jay but that's the only people doing standalone for that board..

A.

11247. RE: [gmsk_dv_node] Re: Stand Alone Mode

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-15 14:35:18 UTC
From: m1dns.gb3hb@...
Topic: 11236 Message: 11247

The only other boards i know that will run standalone is the DVRPTR boards, But i think the standalone firmware was instigated by the original producers of said board Pipe/MSG, not by Bruces Given's team. You prob. have a greater chance of catching the ebola virus than getting a reply from the pipe/MSG group.

A.

---In gmsk_dv_node@yahoogroups.com, <n2kpk@...> wrote :

I guess it seems that support for this board seems lacking. Unless my emails are not getting through. Maybe Jim the person I purchased the board from can help. If not will purchase something that will do stand alone.
Jay n2gq

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, October 14, 2014 1:21 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: Stand Alone Mode

Sorry Jay but that's the only people doing standalone for that board..

A.

11248. RE: [gmsk_dv_node] Re: Stand Alone Mode

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-15 17:48:33 UTC
From: Jay
Topic: 11236 Message: 11248

Yes it appears that way. That is funny. ;)...

Have a good day...
Jay

-------- Original message --------
From: "m1dns.gb3hb@gmail.com [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
Date: 10/15/2014 10:35 AM (GMT-05:00)
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: Stand Alone Mode

The only other boards i know that will run standalone is the DVRPTR boards, But i think the standalone firmware was instigated by the original producers of said board Pipe/MSG, not by Bruces Given's team. You prob. have a greater chance of catching the ebola virus than getting a reply from the pipe/MSG group.

A.

---In gmsk_dv_node@yahoogroups.com, <n2kpk@...> wrote :

I guess it seems that support for this board seems lacking. Unless my emails are not getting through. Maybe Jim the person I purchased the board from can help. If not will purchase something that will do stand alone.

Jay n2gq

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, October 14, 2014 1:21 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: Stand Alone Mode

Sorry Jay but that's the only people doing standalone for that board..

A.

11249. Re: If anyone has a Satoshi board and GM300 running successfully, could

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-16 02:10:51 UTC
From: maurobilly@...
Topic: 11242 Message: 11249

Hi Bob.

I don't understand much how this work but take a look in my board configuration board.
Firmware D-STAR interface V07.03(C)7M3TJZ/AD6GZ
licensed to WA1MLA
Serial 07000101
this is the information I have.
Thanks
Mauro KC1DX / PU2MLA

11250. moencomm board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-17 01:09:07 UTC
From: hamradioman12@...
Topic: 11250 Message: 11250

Hello group i have had the moen board for about 7 months untill of couple of days ago the the board went into R2D2 corrupted this went on for a couple of days untill i to use Natools to redo the board has this happen to anybody in the group

11251. Re: moencomm board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-17 01:32:17 UTC
From: ke0co34@...
Topic: 11250 Message: 11251

I have two StarBoards about a year old, now. I experienced a similar problem on one board. I had to reload the firmware and reconfigure with NATools. Then it happened again. It did this about six times. The last time I was unable to reload the firmware. It is currently out of service.

I have an email in to Jim Moen to see if he has any ideas. The board will not respond to programming anymore and is nonfunctional.

11252. Re: [gmsk_dv_node] Re: moencomm board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-17 01:41:05 UTC
From: david barclon
Topic: 11250 Message: 11252

thank you for your replay i hope some one well try to fix this problem because it took me a while to fix. but ONLY thing it could be in the firmware and if so please fix it

On Thursday, October 16, 2014 6:32 PM, "ke0co34@yahoo.com [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

I have two StarBoards about a year old, now. I experienced a similar problem on one board. I had to reload the firmware and reconfigure with NATools. Then it happened again. It did this about six times. The last time I was unable to reload the firmware. It is currently out of service.

I have an email in to Jim Moen to see if he has any ideas. The board will not respond to programming anymore and is nonfunctional.

11253. LOCKS UP/MOENCOMM BOARD/WINDV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-18 00:16:41 UTC
From: n0meq@...
Topic: 11253 Message: 11253

Has anyone had issues with the windv software locking up? I have the moencomm board running dutchstar software. When it locks up the last thing displayed is in red and says doubling with whatever stations are communicating. I need to close the entire software program and then open it again. Any suggestions to cure this issue??

Thanks
N0MEQ

11254. Re: [gmsk_dv_node] LOCKS UP/MOENCOMM BOARD/WINDV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-18 03:11:52 UTC
From: Ray Sipe
Topic: 11253 Message: 11254

I recently saw the same thing but have not had time to investigate.

Ray
KI4UDZ

Sent from Yahoo Mail on Android

11255. RE: [gmsk_dv_node] LOCKS UP/MOENCOMM BOARD/WINDV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-18 05:10:57 UTC
From: Chris Brown
Topic: 11253 Message: 11255

Same issue here. I tried all nature of tweaking the timing and related options, but all to no avail. I then tried a similar program (DVAR Hotspot from KB9KHM, Ver. 2.61) and although not quite as fully featured it is much more stable (running a Win7 64 bit PC.)

Good luck!

Chris

KL4C

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Friday, October 17, 2014 4:17 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] LOCKS UP/MOENCOMM BOARD/WINDV

Has anyone had issues with the windv software locking up? I have the moencomm board running dutchstar software. When it locks up the last thing displayed is in red and says doubling with whatever stations are communicating. I need to close the entire software program and then open it again. Any suggestions to cure this issue??

Thanks

N0MEQ

11256. RE: [gmsk_dv_node] LOCKS UP/MOENCOMM BOARD/WINDV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-18 08:09:51 UTC
From: Brad Kellison
Topic: 11253 Message: 11256

I use the G4KLX Software DSTARREPEATER and IRCDDBGATEWAY when I am on Windows. It works a lot better then WinDV. I have this on my Windows 8.1 and windows 7 32 bit machine running the moencom board with no problems.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, October 18, 2014 1:11 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] LOCKS UP/MOENCOMM BOARD/WINDV

Same issue here. I tried all nature of tweaking the timing and related options, but all to no avail. I then tried a similar program (DVAR Hotspot from KB9KHM, Ver. 2.61) and although not quite as fully featured it is much more stable (running a Win7 64 bit PC.)

Good luck!

Chris

KL4C

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Friday, October 17, 2014 4:17 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] LOCKS UP/MOENCOMM BOARD/WINDV

Has anyone had issues with the windv software locking up? I have the moencomm board running dutchstar software. When it locks up the last thing displayed is in red and says doubling with whatever stations are communicating. I need to close the entire software program and then open it again. Any suggestions to cure this issue??

Thanks

N0MEQ

<http://thirdpartyoffers.juno.com/TGLI3156/?u=http://newsletter.adsonar.com/nwrss/imgs/nwr_1560786_36140222_379054_2070767_4_2.PNG?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&zw=500&zh=70&v=5&url=NA&uid=>

11257. RE: [gmsk_dv_node] LOCKS UP/MOENCOMM BOARD/WINDV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-19 06:37:36 UTC
From: Chris Brown
Topic: 11253 Message: 11257

Where can I find the G4KLX software for Windows?

Thanks,

Chris

KL4C

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, October 18, 2014 12:10 AM
To: gmsk_dv_node@...m
Subject: RE: [gmsk_dv_node] LOCKS UP/MOENCOMM BOARD/WINDV

I use the G4KLX Software DSTARREPEATER and IRCDDBGATEWAY when I am on Windows. It works a lot better then WinDV. I have this on my Windows 8.1 and windows 7 32 bit machine running the moencom board with no problems.

From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>
[mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, October 18, 2014 1:11 AM
To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>
Subject: RE: [gmsk_dv_node] LOCKS UP/MOENCOMM BOARD/WINDV

Same issue here. I tried all nature of tweaking the timing and related options, but all to no avail. I then tried a similar program (DVAR Hotspot from KB9KHM, Ver. 2.61) and although not quite as fully featured it is much more stable (running a Win7 64 bit PC.)

Good luck!

Chris

KL4C

From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>
[mailto:gmsk_dv_node@yahoogroups.com]
Sent: Friday, October 17, 2014 4:17 PM
To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>
Subject: [gmsk_dv_node] LOCKS UP/MOENCOMM BOARD/WINDV

Has anyone had issues with the windv software locking up? I have the moencomm board running dutchstar software. When it locks up the last thing displayed is in red and says doubling with whatever stations are communicating. I need to close the entire software program and then open it again. Any suggestions to cure this issue??

Thanks

N0MEQ

_____
<http://thirdpartyoffers.juno.com/TGLI3156/?u=http://newsletter.adsonar.com/nwrss/imgs/nwr_1560786_36140222_379054_2070767_4_2.PNG?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&zw=500&zh=70&v=5&url=NA&uid=>

11258. GMSK adapter Arduino or Rasp PCB?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-19 08:43:38 UTC
From: decastejac@...
Topic: 11258 Message: 11258

Hi group
Anyone has some informations to get Arduino DV PCB?

TY

73 de Patrick F6GWE

11259. MoenComm GMSK Board Issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-19 14:23:58 UTC
From: cal.spreitzer@...
Topic: 11259 Message: 11259

Greetings to the group. I have a Hotspot issue that I can't figure out and I'm hoping someone can help?

Everything works fine for a day or two then no transmit from the radio?? When this happens DSTAR Repeater seems to be still working fine (headers with stations info coming across) but this info does not seem to get to the radio. Also IRCDDB shows I'm connected but still no TX on the radio side? The only way to fix the issue is to reboot the Pi and then everything works again for a few days then no transmit again. I never have to reset the radio, just the PI. It seems to me the Moen board goes out to lunch but I have no idea why? Here is my setup:

MoenComm GMSK Node Adapter
Kenwood TM-V71A Radio
Raspberry Pi+
Dstar Repeater (20140521) and IRCDDB Gateway (20140602) by G4KLX

Cal/N3CAL

11260. Re: [gmsk_dv_node] MoenComm GMSK Board Issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-19 15:18:35 UTC
From: Rudy Benner
Topic: 11259 Message: 11260

Try a bigger power supply.

ve3bdr

From: mailto:gmsk_dv_node@yahoogroups.com
Sent: Sunday, October 19, 2014 10:23 AM
To: gmsk_dv_node@...m
Subject: [gmsk_dv_node] MoenComm GMSK Board Issue

Greetings to the group. I have a Hotspot issue that I can't figure out and I'm hoping someone can help?

Everything works fine for a day or two then no transmit from the radio?? When this happens DSTAR Repeater seems to be still working fine (headers with stations info coming across) but this info does not seem to get to the radio. Also IRCDDB shows I'm connected but still no TX on the radio side? The only way to fix the issue is to reboot the Pi and then everything works again for a few days then no transmit again. I never have to reset the radio, just the PI. It seems to me the Moen board goes out to lunch but I have no idea why? Here is my setup:

MoenComm GMSK Node Adapter
Kenwood TM-V71A Radio
Raspberry Pi+
Dstar Repeater (20140521) and IRCDDB Gateway (20140602) by G4KLX

Cal/N3CAL

11261. Re: [gmsk_dv_node] MoenComm GMSK Board Issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-19 16:25:20 UTC
From: n3cal .
Topic: 11259 Message: 11261

Thanks for the reply. My current Raspberry PI power supply is providing 2 Amps. Do I need something larger?

N3CAL

11262. Re: [gmsk_dv_node] MoenComm GMSK Board Issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-20 03:30:01 UTC
From: david barclon
Topic: 11259 Message: 11262

try this
NAtools for Windows (32-bit) V1.0.15 V1.0.14
NAtools for Windows (64-bit) V1.0.15 V1.0.14 and test your moen board and see if you have tx on or off ck and see if your pi is getting hot

On Sunday, October 19, 2014 9:28 AM, "'n3cal .' cal.spreitzer@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

Thanks for the reply. My current Raspberry PI power supply is providing 2 Amps. Do I need something larger?

N3CAL

11263. RE: [gmsk_dv_node] LOCKS UP/MOENCOMM BOARD/WINDV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-20 16:34:46 UTC
From: Fred PA4YBR
Topic: 11253 Message: 11263

Hi,

I hopefully will be releasing a new version this week (usually on Fridays.)

If you want to get it sooner for testing, contact me off-list !

Cheers,

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, October 18, 2014 2:17 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] LOCKS UP/MOENCOMM BOARD/WINDV

Has anyone had issues with the windv software locking up? I have the moencomm board running dutchstar software. When it locks up the last thing displayed is in red and says doubling with whatever stations are communicating. I need to close the entire software program and then open it again. Any suggestions to cure this issue??

Thanks

N0MEQ

11264. RE: [gmsk_dv_node] MoenComm GMSK Board Issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-20 16:38:00 UTC
From: Fred PA4YBR
Topic: 11259 Message: 11264

It should not be needed, but yes, most Pi's are powered by a somewhat skinny supply, which causes bumps and dips in the supply voltage.

Other people 'fixed' the issue by connecting the GMSK board to an external power supply, or through a powered hub. In all cases, it lightens the load on the main supply, which indeed could help..

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Sunday, October 19, 2014 6:25 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] MoenComm GMSK Board Issue

Thanks for the reply. My current Raspberry PI power supply is providing 2 Amps. Do I need something larger?

N3CAL

11265. RE: [gmsk_dv_node] moencomm board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-20 16:42:10 UTC
From: Fred PA4YBR
Topic: 11250 Message: 11265

Hmm, sounds like a power supply dip, causing the PIC's EEPROM settings
to have been damaged. Could also be static buildup, or lightning, all with
the same results.

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Friday, October 17, 2014 3:09 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] moencomm board

Hello group i have had the moen board for about 7 months untill of couple of
days ago the the board went into R2D2 corrupted this went on for a couple
of days untill i to use Natools to redo the board has this happen to anybody
in the group

11266. RE: [gmsk_dv_node] Re: moencomm board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-20 16:43:19 UTC
From: Fred PA4YBR
Topic: 11250 Message: 11266

When you power up the board, does it even enter programming
mode and/or does it come up on the USB bus ? (did Windows
do a dong-ding sound?)

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Friday, October 17, 2014 3:32 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: moencomm board

I have two StarBoards about a year old, now. I experienced a similar
problem on one board. I had to reload the firmware and reconfigure with
NATools. Then it happened again. It did this about six times. The last
time I was unable to reload the firmware. It is currently out of service.

I have an email in to Jim Moen to see if he has any ideas. The board will
not respond to programming anymore and is nonfunctional.

11267. RE: [gmsk_dv_node] Re: moencomm board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-20 16:45:01 UTC
From: Fred PA4YBR
Topic: 11250 Message: 11267

Firmware doesn't usually erase itself. So, no, that's not it.

See previous message. Settings are stored in the chip's EEPROM, and that data
can be damaged by static energy, and/or a power supply voltage dip (as stated
in the PIC's reference manual.) Most common cause is static (after lightning), but
also a dip in the supply voltage is possible.

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Friday, October 17, 2014 3:41 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Re: moencomm board

thank you for your replay i hope some one well try to fix this problem
because it took me a while to fix. but ONLY thing it could be in the
firmware and if so please fix it

On Thursday, October 16, 2014 6:32 PM, "ke0co34@... [gmsk_dv_node]"
<gmsk_dv_node@yahoogroups.com> wrote:

I have two StarBoards about a year old, now. I experienced a similar
problem on one board. I had to reload the firmware and reconfigure with
NATools. Then it happened again. It did this about six times. The last
time I was unable to reload the firmware. It is currently out of service.

I have an email in to Jim Moen to see if he has any ideas. The board will
not respond to programming anymore and is nonfunctional.

11268. Re: moencomm board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-21 12:11:19 UTC
From: ke0co34@...
Topic: 11250 Message: 11268

No, Windows does not recognize it. When you move the jumper to the programming position and connect the USB, the green LED no longer turns on. I have reloaded the firmware several times to fix the problem. I would have load the production firmware first, the load the beta firmware.

Now, it times out -- no response.

Jim is sending a different board with a functioning bootloader.

11269. Re: [gmsk_dv_node] GMSK adapter Arduino or Rasp PCB?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-21 13:48:20 UTC
From: Guus Van Dooren
Topic: 11258 Message: 11269

www.dvmega.auria.nl

On Sunday, October 19, 2014 10:43 AM, "decastejac@hotmail.com [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

Hi group
Anyone has some informations to get Arduino DV PCB?

TY

73 de Patrick F6GWE

11270. Re: moencomm board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-21 16:27:37 UTC
From: luizserg@...
Topic: 11250 Message: 11270

Hi,

Replace and priogram the PIC18F2550 programmer bootloader with pickit2 which will again be recognized by windows.
After it load the firmware and test to check if you have more problems.
Luiz
PU1LOY

11271. New Hot Spot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-22 00:27:39 UTC
From: Ronnie King, K4RLK
Topic: 11271 Message: 11271

Purchased a used Star Board from a Ham on QRZ, bought a used Maxtrac, made a cable, followed Jim Moens documentation, and BINGO! Hot spot worked on first try. Set up in Citrus County, FL. on 147.51

Ronnie King

11272. Moencomm/ID-5100/Not Found

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-22 03:03:32 UTC
From: n0meq@...
Topic: 11272 Message: 11272

I have the hotspot up and running on a GMSK moen board. I have a 5100 in the car and have been receiving for the past two weeks "n0meq not found" after I tx, today I get "connected to ref030 C/NQ3I or something along that line. I am questioning the nq3i text portion. What does this mean? I no longer see my call as not found. I do need to amend my d-star registration to include a terminal for the 5100. I already have a DVap and my ID51A as terminals. Unfortunately, I must wait to update my registration due to the local kd0cgr repeaters router offline status and has been for the last four months, this is why I decided to put in a hotspot.

Apparently I am getting out because a Chicago station came back to me today although the Chicago station was not seeing my call or other info that I have programmed in the 5100.

I don't believe that the moencomm board is an issue since it just passes the data through it. I am using DVAR software and this is probably what determines my existence.

My question is how can I be not found and then start seeing nq3i or something similar,

what is this supposed to mean??

Signed confused

N0meq. ☐

11273. RE: [gmsk_dv_node] Moencomm/ID-5100/Not Found

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-22 04:04:41 UTC
From: Chris Brown
Topic: 11272 Message: 11273

The info following the / is NSQx where x is a number for which you can set the thresholds – it represents the Rx signal quality as received at the hotspot. Also, the 5100 is quite sensitive to the modulation level of the RF transmitted signal. The level is adjustable on the board.

Hope this helps.

Chris

KL4C

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, October 21, 2014 7:04 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Moencomm/ID-5100/Not Found

I have the hotspot up and running on a GMSK moen board. I have a 5100 in the car and have been receiving for the past two weeks "n0meq not found" after I tx, today I get "connected to ref030 C/NQ3I or something along that line. I am questioning the nq3i text portion. What does this mean? I no longer see my call as not found. I do need to amend my d-star registration to include a terminal for the 5100. I already have a DVap and my ID51A as terminals. Unfortunately, I must wait to update my registration due to the local kd0cgr repeaters router offline status and has been for the last four months, this is why I decided to put in a hotspot.

Apparently I am getting out because a Chicago station came back to me today although the Chicago station was not seeing my call or other info that I have programmed in the 5100.

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My question is how can I be not found and then start seeing nq3i or something similar,

what is this supposed to mean??

Signed confused

N0meq. ☐

11274. RE: [gmsk_dv_node] Re: moencomm board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-23 13:38:08 UTC
From: Fred PA4YBR
Topic: 11250 Message: 11274

That indeed smells like its firmware erased or damaged.

Contact Jim Moen or me offlist, we'll get it back to life.

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, October 21, 2014 2:11 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: moencomm board

No, Windows does not recognize it. When you move the jumper to the
programming position and connect the USB, the green LED no longer turns on.
I have reloaded the firmware several times to fix the problem. I would have
load the production firmware first, the load the beta firmware.

Now, it times out -- no response.

Jim is sending a different board with a functioning bootloader.

11275. RE: [gmsk_dv_node] New Hot Spot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-23 13:38:53 UTC
From: Fred PA4YBR
Topic: 11271 Message: 11275

Yay! Nice job!

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, October 22, 2014 2:28 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] New Hot Spot

Purchased a used Star Board from a Ham on QRZ, bought a used Maxtrac, made a cable, followed Jim Moens documentation, and BINGO! Hot spot worked on first try. Set up in Citrus County, FL. on 147.51

Ronnie King

11276. RE: [gmsk_dv_node] Moencomm/ID-5100/Not Found

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-23 13:41:15 UTC
From: Fred PA4YBR
Topic: 11272 Message: 11276

This looks like you are trying to callsign-route to N0MEQ.

The reason for this is "auto-RX" setting in your radio. What is the software you are running for the hotspot? If it is WinDV, we can fix that.. the new version (due out tomorrow evening) actually fixes that :)

On the radio, reset the URCALL field back to CQCQCQ, and (at least for now) turn off its "AutoRX" and "AutoRPT" settings in the menu.

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, October 22, 2014 5:04 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Moencomm/ID-5100/Not Found

I have the hotspot up and running on a GMSK moen board. I have a 5100 in the car and have been receiving for the past two weeks "n0meq not found" after I tx, today I get "connected to ref030 C/NQ3I or something along that line. I am questioning the nq3i text portion. What does this mean? I no longer see my call as not found. I do need to amend my d-star registration to include a terminal for the 5100. I already have a DVap and my ID51A as terminals. Unfortunately, I must wait to update my registration due to the local kd0cgr repeaters router offline status and has been for the last four months, this is why I decided to put in a hotspot.

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My question is how can I be not found and then start seeing nq3i or something similar,

what is this supposed to mean??

Signed confused

N0meq. ☐

11277. RE: [gmsk_dv_node] LOCKS UP/MOENCOMM BOARD/WINDV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-23 14:12:08 UTC
From: tg9afx@...
Topic: 11253 Message: 11277

Shure you have and hf rig with a tunner, so when you tunne any antena the RF jumps into your board and PC, thats why your board locks up. Just close windv unplug the board, connect it again and open windv. Best solution cage the board or use it away from shack.
best 73's
CHRIS FLORES
TG9AFX

11278. RE: [gmsk_dv_node] Moencomm/ID-5100/Not Found

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-23 19:10:18 UTC
From: n0meq@...
Topic: 11272 Message: 11278

I am using dvar at the moment because windv was locking up. I will probably go back to windv when the update comes out. I will try your suggestions...Thank You

John
N0MEQ

11279. Hotspot with the IC-2200H

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-26 20:59:36 UTC
From: pu4asl@...
Topic: 11279 Message: 11279

What Hotspot use with the IC-2200H to get internet on D-Star network?

We need to know which one to buy and the price of the product.

PU4ASL

11280. Re: MoenComm GMSK Node Adapter

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-28 01:37:56 UTC
From: pu3dss@...
Topic: 11234 Message: 11280

MEU ADAPTADOR NÓ HOTSPOTS MOENCOMM SÓ FUNCIONA 1200 BPS E NÃO EM 9600 BPS NO YAESU FT-7900
ALGUEM SABE PORQUE

11281. Re: [gmsk_dv_node] Re: MoenComm GMSK Node Adapter

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-29 05:25:44 UTC
From: DELVAIR DOS SANTOS SOARES
Topic: 11234 Message: 11281

MY KNOT HOTSPOTS MOENCOMM ADAPTER ONLY WORKS 1200 BPS 9600 BPS AND NOT IN THE YAESU FT-7900 SOMEONE KNOW WHY

Em Segunda-feira, 27 de Outubro de 2014 23:37, "pu3dss@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> escreveu:

MEU ADAPTADOR NÓ HOTSPOTS MOENCOMM SÓ FUNCIONA 1200 BPS E NÃO EM 9600 BPS NO YAESU FT-7900 ALGUEM SABE PORQUE __._, _.___ Postado por: pu3dss@...
| Responder através da web | • | Responder ao remetente | • | Responder ao grupo | • | Iniciar um novo tópico | • | Mensagens neste tópico (4) |

Perguntas? Confira nossas Perguntas Frequentes: http://www.gmskdvnode.info/ Visite seu Grupo
- Novos Membros 9
• Privacidade • Unsubscribe • Termos de Uso
.
__, _._, ___

11282. Re: [gmsk_dv_node] Re: MoenComm GMSK Node Adapter

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-29 21:28:45 UTC
From: jerry@...
Topic: 11234 Message: 11282

I have mine working on the 7900, I cant remember what I have mine set on but you have to invert the TX or RX, I cant remember which one but I had to change mine when I changed the data from 1200 to 9600. It will be the opposite to what you have it now.

Jerry K9UKJ

11283. Problem with the Icom IC-E2820

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-30 11:26:26 UTC
From: g3vvt@...
Topic: 11283 Message: 11283

Hi All,

A problem that is outside the normal for this group, but there must be a large number of IC-2820 owners using D-Star DV, so there may be others amongst the group members that may have had the same problem.

The Problem:

When switching on my 2820 from cold, instead of the normal dual frequency display I get the screen divided into what could be called as 4 blocks.

From L to R: At the top: Illuminated then dark. Lower: dark then illuminated.
If I am lucky there is frequency data only in the top left hand illuminated section. Switching the radio off and then on restores normal start up operation.

However if there is no frequency data in the top left hand block which fortunately so far seems to happen only occasionally, no amount of switching on and off will bring the radio to give a normal display. The only way found is to leave the radio switched on in the faulty mode until the previous screen eventually appears, then switch off and on at that point.

The radio works in RX mode when the fault is present, though not tried the TX mode so far with not knowing where it will be transmitting. Have not resorted to trying a hardware reset so far, assuming this is possible.

Almost seems like a lazy clock xtal?

Have contacted Icom UK about the matter and report they have not seen the problem. The only way would be to return it to their service department and being out of warranty now could be expensive no doubt!

Regards,
Bob, G3VVT

11284. Re: Problem with the Icom IC-E2820

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-30 12:06:53 UTC
From: Laurence Mathews (zl1icu)
Topic: 11283 Message: 11284

Water condensation in the display could be the problem I had a problem where most of the display on my 2820 was missing the problem in my case seemed permanent. Replacement of the control head cured the problem.
Laurie Mathews ZL1ICU.

11285. Re: MoenComm GMSK Node Adapter

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-10-31 04:41:56 UTC
From: pu3dss@...
Topic: 11234 Message: 11285

olá amigo inverti rx dx TEU Certo Muito Obrigado

11286. Moen board with raspberry pi, no communication

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-11-01 03:24:12 UTC
From: Jim Stewart
Topic: 11286 Message: 11286

The gateway on the pi seems to be connected to the dstar server but can't get the pi to respond at all to any radio commands to reflectors.
It's like the USB to moen card cable is not connected. I'm assuming it works similar as the pi to dvrptr v1 ? I was able to get those two to,work just fine. Do you interface the pi and moen card using the USB to printer style cable? Of course I'm using the G4KLX image.
73 - jimmy w7dts
Sent from my iPad

11287. RE: [gmsk_dv_node] Moen board with raspberry pi, no communication

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-11-01 19:17:28 UTC
From: Brad Kellison
Topic: 11286 Message: 11287

Yes the pi to moencomm board uses the USB A to USB B printer style cable. I run a banana pi here with the moencomm board without any problems and run it with the G4KLX software and link not only to repeater but to gateways as well.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Friday, October 31, 2014 11:24 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Moen board with raspberry pi, no communication

The gateway on the pi seems to be connected to the dstar server but can't get the pi to respond at all to any radio commands to reflectors.
It's like the USB to moen card cable is not connected. I'm assuming it works similar as the pi to dvrptr v1 ? I was able to get those two to,work just fine. Do you interface the pi and moen card using the USB to printer style cable? Of course I'm using the G4KLX image.
73 - jimmy w7dts
Sent from my iPad

<http://thirdpartyoffers.juno.com/TGLI3156/?u=http://newsletter.adsonar.com/nwrss/imgs/nwr_1560786_36140222_379054_2070767_4_2.PNG?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&zw=500&zh=70&v=5&url=NA&uid=>

11288. Re: DVAP amplifier

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-11-01 19:21:13 UTC
From: trublcj5@...
Topic: 9342 Message: 11288

http://www.qsl.net/pe1bvj/HTML/20watt_uhf_rf_amplifier.htm
http://www.qsl.net/pe1bvj/HTML/20watt_uhf_rf_amplifier.htm

I found this searching for the same thing. Not sure how good it would work

11289. RE: [gmsk_dv_node] Re: DVAP amplifier

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-11-01 22:03:45 UTC
From: Brad Kellison
Topic: 9342 Message: 11289

Robin Cutshaw AA4RC says not to hook any amplifying device to the DVAPs as it can cause damage to the chip inside. “It may be tempting to try and extend the range of the DVAP even more by adding a power amplifier to it. This is NOT a good idea for several reasons. Primarily, the DVAP was NOT designed to produce as clean a signal that a full blown transceiver is required to produce.

While the DVAP GMSK signal is quite pure, it does produce a higher phase noise floor due to the simple single chip transceiver design. What this means is that for low power, the noise floor is not an issue but if amplified, then it may interfere with adjacent frequencies.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, November 1, 2014 3:21 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: DVAP amplifier

http://www.qsl.net/pe1bvj/HTML/20watt_uhf_rf_amplifier.htm

I found this searching for the same thing. Not sure how good it would work

---
<http://thirdpartyoffers.juno.com/TGLI3156/?u=http://newsletter.adsonar.com/nwrss/imgs/nwr_1560786_36140222_379054_2070767_4_2.PNG?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&zw=500&zh=70&v=5&url=NA&uid=>

11290. Re: [gmsk_dv_node] Re: DVAP amplifier

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-11-02 00:06:19 UTC
From: Jim Stewart
Topic: 9342 Message: 11290

Is there one for VHF for that power level? Jimmy w7dts

Sent from my iPad

> On Nov 1, 2014, at 12:21 PM, "trublcj5@... [gmsk_dv_node]"
<gmsk_dv_node@yahoogroups.com> wrote:
>
> http://www.qsl.net/pe1bvj/HTML/20watt_uhf_rf_amplifier.htm
>
> I found this searching for the same thing. Not sure how good it would work
>
>

11291. RE: [gmsk_dv_node] Moencomm/ID-5100/Not Found

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-11-04 00:54:55 UTC
From: n0meq@...
Topic: 11272 Message: 11291

Fred, You had mentioned the new version of windv was due out Oct 24th. Where can I find it? I have looked and can only find current version....Thanks

73
N0MEQ

11292. A GMSK Modem cable with Kenwood TS-2000

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-11-13 22:34:10 UTC
From: J. M. Moen
Topic: 11292 Message: 11292

As many of you know, I've been maintaining documentation about how to set up a Hotspot using a GMSK Modem. I've had one page about how to build your own cable to connect with the standard 6 pin min DIN connectors on many FM transceivers.

I've had various inquires about how to build a cable to work with the Kenwood TS-2000 and its 13 pin ACC2 connector. This is a versatile radio covering both HF and VHF/UHF bands. It has two receivers, the Main for all bands and the Sub receiver for VHF/UHF.

Some people use the Sub receiver for Hotspot duty, while having normal HF QSOs on SSB, CW, etc.

Others use the Main receiver to do HF D-Star, in conjunction with an AMBE device and the GMSKClient program by G4KLX. (Full disclosure: This works, but changing bands is a bit cumbersome.)

I've just added a web page that shows a fairly easy way to build a cable that will allow you to connect a GMSK Modem to the 2000's ACC2 connector. The main cable will work with the Main receiver. I also document how to build a short adapter cable for working with the Sub receiver.

The new page is available from my D-Star Menu at www.k6jm.com/dstar

Or you can go directly to it at http://www.k6jm.com/hs-setupcblts2000.htm

Jim - K6JM

–·–’–––

11293. ConDV, Pi and StarBoard - Device not detcted at 0300

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-11-18 02:49:17 UTC
From: wireseverywhere@...
Topic: 11293 Message: 11293

I've run my Moencom Starboard successfully with WinDV for a couple years and also recently with ConDV under Windows. When trying to run ConDV on Raspian with a new B+ Pi I'm getting "NODE: Device not detected at 0300 (-1)"

I'm using a powered hub with plenty of current for both devices.

hwinfo seems to see the device but I'm not sure what else to try.

```
USB 00.0: 0000 Unclassified device
[Created at usb.122]
Unique ID: XEU_.zJHZIIZmMY3
Parent ID: dwDZ.ISk+a90OE5A
SysFS ID: /devices/platform/bcm2708_usb/usb1/1-1/1-1.3/1-1.3.3/1-1.3.3:1.0
SysFS BusID: 1-1.3.3:1.0
Hardware Class: unknown
Model: "Microchip DUTCH*Star HSA V.1"
Hotplug: USB
Vendor: usb 0x04d8 "Microchip Technology, Inc."
Device: usb 0x0300 "DUTCH*Star HSA V.1"
Speed: 12 Mbps
Module Alias: "usb:v04D8p0300d0000dc00dsc00dp00icFFisc00ipFFin00"
Config Status: cfg=new, avail=yes, need=no, active=unknown
Attached to: #7 (Hub)
```

Thanks.
Mark

11294. Control Center software

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-11-19 19:10:17 UTC
From: kb5zcs@...
Topic: 11294 Message: 11294

Hello im new to all this dstar stuff,im use dv-rptr board and control center-Ver:2.0.4526.28987 and not able to connect to D-plus reflectors i can connect to the xnet ones just fine but i want to connect to dplus i have all my ports open on my router can any one help thanks.....

11295. Best stand alone Hotspot Linux software ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-11-21 19:37:15 UTC
From: mi0aaz@...
Topic: 11295 Message: 11295

I am getting my past interest back since today and have here a Dell Wyse think client which i can install various versions of linux onto and was wondering whch hotspot software would be best with this device and my NQSMHS board ?
73 John Mi0AAZ.

11296. Re: Best stand alone Hotspot Linux software ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-11-22 15:35:24 UTC
From: john@...
Topic: 11295 Message: 11296

The combination of ircDDBGateway and pcrepeatercontroller. Join the Yahoo! Forums of the same names and you will find install instructions in the files section.

11297. FW:fiontay r

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-11-24 01:32:21 UTC
From: Laurence Mathews
Topic: 11297 Message: 11297

http://dontarot.com/bt/boihztgsjsivuowblprelacsquagxjyxl.yxwvrdzhtdbuaptwxklwsixbfbjxqvnu

Laurence Mathews

11298. Re: Best stand alone Hotspot Linux software ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-11-24 20:50:48 UTC
From: mi0aaz@...
Topic: 11295 Message: 11298

Thanks for the reply to my posting, will do what you suggested and see how i get on.

73 John Mi0AAZ.

11299. Re: Converting the Kenwood TKR-820 to use with D-STAR

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-11-28 18:09:01 UTC
From: ajmesquita2004@...
Topic: 5118 Message: 11299

Hello John,
I have a Kenwood TKR-820 and GMSK board Jim Moeen.
What would be the correct connection for operation in DV D-Star mode?
Thank you in advance for your attention.

73,

Mesquita - PP6AJM

11300. HOTSPOT FREQUENCY PLACEMENT

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-11-29 05:14:12 UTC
From: n0meq@...
Topic: 11300 Message: 11300

I am not sure this is the appropriate question for this forum, if so I apologize! The arrl band plan has a place called "Miscellaneous and Experimental Mode" within the frequency range 145.50 and 145.80. Has anyone had experience with this portion of the band? Since I am using the digital mode of communication I suppose one could say it's miscellaneous. There is no one place specifically for digital modes I can find in the arrl band plan....Any comments?

N0MEQ

11301. Re: HOTSPOT FREQUENCY PLACEMENT

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-11-29 06:17:03 UTC
From: Donald Jacob
Topic: 11300 Message: 11301

You should check your local Frequency Coordinator/Spectrum Management group to see
what frequencies are available in your area. Whats good for one is not necessarily good for
another area. You want to keep in sync with your local coordinator.

Just my 2 cents

73
Don
WB5EKU

11302. Re: Converting the Kenwood TKR-820 to use with D-STAR

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-11-29 15:48:22 UTC
From: egrumling@...
Topic: 5118 Message: 11302

Hi Mesquita. I just did the same thing, using John's fine instructions and some clarification from Repeater-builder.com (http://www.repeater-builder.com/kenwood/tkr-n20-notes.html). The MoenComm board was pre-configured by Jim with the Dutch star firmware. I did need to experiment with the "normal/inverted" checkboxes, and had to max out the deviation pot on the board to get enough level into the repeater but it seems to be working well. I have the output power set to 10 Watts and it gets a little warm, but certainly nothing worry about even when connected to a popular reflector like 30C. Coverage is limited by my QTH and lack of a tower, but rough experiments show that it gets out about 15-20 miles. If I had a better mobile rig I'm sure it could do a little better, but I'm just using an ID-51a for testing.

The key is to make sure you don't use the internal controller (or CW ID) at all. Just let the modem board and control software take care of everything and you'll be fine. I'm using G4KLX's D-star repeater and ircDDB running on a Raspberry Pi. I was planning on moving everything into a little better machine (an Intel NUC), but so far this seems to be working just fine, so unless I get to move it to a remote site later I will likely just keep it on the Pi. Also, if you're putting it on a busy mountain top, you should use a better duplexer than the ones that mount inside the unit.

I wrote up a short post for my club's blog site:
Announcement: K0RV-DR on air
http://k0rv.wordpress.com/2014/11/27/announcement-k0rv-dr-on-air/

http://k0rv.wordpress.com/2014/11/27/announcement-k0rv-dr-on-air/

Announcement: K0RV-DR on air
http://k0rv.wordpress.com/2014/11/27/announcement-k0rv-dr-on-air/ I’ve finally got all the pieces/parts cobbled together and we now have a D-star repeater! It went on the air last weekend temporarily using K0JEG for...

View on k0rv.wordpress.com
http://k0rv.wordpress.com/2014/11/27/announcement-k0rv-dr-on-air/
Preview by Yahoo

11303. Re: [gmsk_dv_node] HOTSPOT FREQUENCY PLACEMENT

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-11-29 21:21:47 UTC
From: Jim Stewart
Topic: 11300 Message: 11303

I was wondering that too, I talked to a repeater coordinator in washington state and he said put it on 147.435. I said really? And then he commented, it really doesn't matter. Hi hi. I guess it probably depends on the state and people population

Sent from my iPhone

> On Nov 28, 2014, at 21:14, n0meq@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
> I am not sure this is the appropriate question for this forum, if so I apologize! The arrl band plan has a place called "Miscellaneous and Experimental Mode" within the frequency range 145.50 and 145.80. Has anyone had experience with this portion of the band? Since I am using the digital mode of communication I suppose one could say it's miscellaneous. There is no one place specifically for digital modes I can find in the arrl band plan....Any comments?
>
>
>
> N0MEQ
>
>

11304. Re: [gmsk_dv_node] HOTSPOT FREQUENCY PLACEMENT

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-11-29 21:56:25 UTC
From: Donald Jacob
Topic: 11300 Message: 11304

Tom,
Try this link:

http://www.azfreqcoord.org/bp/144bp.html

that should give you some idea where to start!

73

Don
WB5EKU

On Sat, Nov 29, 2014 at 1:21 PM, Jim Stewart w7dts@...
[gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

>
>
> I was wondering that too, I talked to a repeater coordinator in washington
> state and he said put it on 147.435. I said really? And then he commented,
> it really doesn't matter. Hi hi. I guess it probably depends on the state
> and people population
>
> Sent from my iPhone
>
> On Nov 28, 2014, at 21:14, n0meq@... [gmsk_dv_node] <
> gmsk_dv_node@yahoogroups.com> wrote:
>
>
>
>
> I am not sure this is the appropriate question for this forum, if so I
> apologize! The arrl band plan has a place called "Miscellaneous and
> Experimental Mode" within the frequency range 145.50 and 145.80. Has
> anyone had experience with this portion of the band? Since I am using the
> digital mode of communication I suppose one could say it's miscellaneous.
> There is no one place specifically for digital modes I can find in the arrl
> band plan....Any comments?
>
>
> N0MEQ
>
>
>

11305. Re: Converting the Kenwood TKR-820 to use with D-STAR

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-11-30 02:38:38 UTC
From: john@...
Topic: 5118 Message: 11305

As mentioned by K0JEG -- if you follow the instructions on the blog page, it has all of the interfacing information. Use Jim's board (or the DVRPTR V1) and G4KLX's repeater and gateway software.

http://k7ve.org/blog/2010/06/converting-the-kenwood-tkr-820-to-use-with-d-star/ http://k7ve.org/blog/2010/06/converting-the-kenwood-tkr-820-to-use-with-d-star/ (I have both an 820 for 70cm and a 720 for 2m running using these instructions)

The Yahoo! groups for the software are ircDDBGateway and pcrepeatercontroller

If you want to build from source -- dl5di/OpenDV https://github.com/dl5di/OpenDV

https://github.com/dl5di/OpenDV

dl5di/OpenDV https://github.com/dl5di/OpenDV OpenDV - Open Digital Voice software for Amateur Radio based on Jonathan Naylor's (G4KLX) "ircDDBGateway" and "PCRepeaterController" for D-S...

View on github.com https://github.com/dl5di/OpenDV
Preview by Yahoo

11306. Re: [gmsk_dv_node] HOTSPOT FREQUENCY PLACEMENT

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-11-30 18:24:09 UTC
From: john@...
Topic: 11300 Message: 11306

In Western Washington that would not be a good frequency. as it is very close to an output on Lyman Peak at 147.4375 see https://www.wwara.org/DataBaseExtract_2014_10.pdf
https://www.wwara.org/DataBaseExtract_2014_10.pdf

There are repeater pairs in that space in the bandplan.
https://www.wwara.org/WWARA_BAND_PLAN_2012_07_08.pdf
https://www.wwara.org/WWARA_BAND_PLAN_2012_07_08.pdf

Actually, since the 'Hotspot' may create a repeater (when coming out another system), I suggest staying in the repeater sub-bands (144.5 - 145.5 / 146-148). If there is a repeater pair that doesn't cover your target coverage area, you might experiment with using its output frequency on a non-interference basis.

11307. Hotspot with ConDV act strange

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-12-13 11:51:35 UTC
From: oz1bv@...
Topic: 11307 Message: 11307

Hi

I am using ConDV on Linux and a GMSK modem (Star*Board from www.moencomm.com http://www.moencomm.com/). I want to use it as a hotspot. I have no problems connecting to the reflector and local transmission of traffic works fine. When I transmit to the hotspot iy starts transmitting to the reflector and it does not stop again when i release the PTT on my hand radio. The audio is not understandable. It seems like the ConDV is looping.

Anybody able to see whats wrong with my configuration?

Best 73 de OZ1BV, Brian

My configuration:

```
#
# DUTCH*Star A series of projects to implement a series of devices and
# software tools for use with the D-STAR protocol as used in
# the Amateur Radio world.
#
# Configuration file for DUTCH*Star Console-Mode Hotspot.
#
# Version: @(#)hotspot.conf 2.0.0 2014/05/05
#
# Author: Fred N. van Kempen, <fred.van.kempen@microwalt.nl>
#
# Copyright 2014 MicroWalt Corporation.
# All Rights Reserved.

# Our basic callsign, without the Module ID.
MYCALL = OZ1BV
DEVICE = "module_b"

# Select a Callsign Server.
CServer = group1-irc.ircddb.net
#CServer = dpns.dutch-star.eu,"DUTCH*Star DPNS"
#CServer = ve3tnk.homelinux.net,"Free*Star VE3TNK"
#CServer = dstarns.opendstar.org,"AA4RC Callsign Server"

# Set logfile options. Change only when needed!
#LogPath = "/dstar/log
#LogName = "hotspot"

# Set an ID broadcast for the RF port.
BCNDELAY = 30 # every this often
BCNMSG = "ConDV Test Hotspot!"
```

```
# Set default RF ACK message and delay time.
ACKDELAY = 500
ACKMSG = "OK!"

# Global access list, per-port ACL's have precedence.
ACCESS = "hotspot.acl"

# Connect to this gateway upon startup.
AutoConnect = DCS004_t

# Re-connect outbound network connections.
ReConnect = 60 # attempt reconnect after 60 seconds
IdleConnect = 300 # try to reconnect if 300sec no conn

# Configure the LCD UI module.
#LCD
# Enable = True
#
# Mode = 3
# Columns = 20
# Rows = 2
# Backlight = ON
# ClearDelay = 2 # clear display after this many seconds
# LiteDelay = 30 # drop backlight after this many seconds
#END

# Configure the LEDS UI module.
#LEDS
# Enable = True
#
# Linked = p1_11
# Status = p1_16
#END

# Configure the APRS-IS reporting protocol.
APRS
# Enable = True

# Debug = 0
Server = euro.aprs2.net
Passcode = 12345
Reconnect = 60 # wait this long to re-connect

Beacon = "ConDV Test Hotspot"
Location = 55.013387,11.906263
Interval = 45
Range = 200
END

# Configure the IrcDDB routing information protocol.
IRCDDB
# Enable = True
```

```
# Debug = 0
Server = group1-irc.ircddb.net
Password = ""
Reconnect = 60 # wait this long to re-connect

Location = 12.3456,7.8901
Description = "Test Hotspot","SomeWhere"
Frequency = 144.900,0,50,18
Website = "http://www.dutch-star.eu/"
END

# Configure the G2/DV protocol.
PROTOCOL G2DV
Enable = True

# Debug = 0
Linger = 120
END

# Configure the DPlus protocol.
PROTOCOL DPlus
# Enable = True

# Debug = 0
# AuthCall = pi1dmo_n
Inbound = True
END

# Configure the DExtra protocol.
PROTOCOL DExtra
# Enable = True

# Debug = 0
# Inbound = True
END

# Configure the DCS protocol.
PROTOCOL DCS
Enable = True

# Debug = 0
# Inbound = True
END

# Configure an RF port.
PORT
Name = "module_a"

Debug = 0
Module = A
Restart = True
Beacon = "QRV 1298.375 -28.0"
Access = "repeater_A.acl"
Simplex = True
```

```
Driver = DVRPTR
Device = "/dev/ttyACM0"
Version = 1
RXInvert = False
TXInvert = False
TXdelay = 400
TXlevel = 100
END

# Configure an RF port.
PORT
Name = "module_b"

Debug = 0
Module = B
Restart = True
Beacon = "QRV 433.450 -0.0"
Access = "hotspot.acl"
Simplex = true

Driver = NODE
Device = 0x300
END

# Configure an RF port.
PORT
Name = "module_c"

Debug = 0
Module = C
Restart = True
Beacon = "QRV 144.900"
Access = "repeater_C.acl"

Driver = DVAP
Device = "/dev/ttyUSB0"
Freq = 144.900
END
END
```

11308. Moen Board transmit

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-12-14 22:06:31 UTC
From: w2hdi@...
Topic: 11308 Message: 11308

I've successfully set up a hotspot with the Moen board, but I cannot seem to adjust it in order to receive audio from more than a few hundred yards away. I can receive just fine - easily a five to ten mile range. I've adjusted the resistor pots and nothing seems to help. Echo test works and sounds fine.
Any suggestions?

11309. Re: [gmsk_dv_node] Moen Board transmit

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-12-15 00:45:43 UTC
From: Chris Brown - GMail
Topic: 11308 Message: 11309

Sounds to me like a problem with your radio.

Chris Brown, KL4C
From my AT&T iPhone

> On Dec 14, 2014, at 1:06 PM, w2hdi@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
> I've successfully set up a hotspot with the Moen board, but I cannot seem to adjust it in order to receive audio from more than a few hundred yards away. I can receive just fine - easily a five to ten mile range. I've adjusted the resistor pots and nothing seems to help. Echo test works and sounds fine.
>
> Any suggestions?
>
>

11310. RE: [gmsk_dv_node] Moen Board transmit

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-12-15 23:32:24 UTC
From: J. M. Moen
Topic: 11308 Message: 11310

Chris could be right about the radio. Please let us know what D-Star radio(s) you are using with the Hotspot, and the analog radio used in the Hotspot.

The problem statement seems to be -- when the Hotspot is transmitting, the receiving D-Star radio will not decode unless the received signal strength is very strong. As it weakens, the D-Star radio can no longer decode.

The two most common causes for that are:
* Deviation of transmitted signal is not within the design spec of the D-Star radio
* Both radios are not on the exact same frequency

I see both of these things frequently, and they are usually easy to fix. The deviation problem often happens when the D-Star radio is one of the newer radios like the 31A or 51A. I think the 5100 is also strict about deviation. The way to adjust deviation on a Hotspot is to adjust the TX audio output level. On GMSK Modems, there is always a way to make this one-time adjustment. On the Star*Board, there is a TX trim pot, R36.

Normally we use the DUTCH*Star Echo Test function of NAWinTEST to do this test, typically using an HT in the shack. So the HT will likely be receiving a very strong signal, and people stop adjusting when things start to work. Yours may be set to work with only a strong signal. I would crank back the transmit level on the analog radio to as low as possible, and/or feed that into a dummy load. Or get a Ham friend with a D-Star radio some distance from you to listen as you do the Echo Test and tell you over the phone if it is decoding as you adjust the trim pot.

Many people use an older analog radio in their Hotspot. I have used decades-old Motorola MaxTracs. These can easily be way off frequency. The D-Star radio might still be able to decode with a strong signal, but as it weakens, decoding will stop. There are some ways to shift the frequency for the Motorola radios.

Let us know what your analog and D-Star radios are.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Sunday, December 14, 2014 2:07 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Moen Board transmit

I've successfully set up a hotspot with the Moen board, but I cannot seem to adjust it in order to receive audio from more than a few hundred yards away. I can receive just fine - easily a five to ten mile range. I've adjusted the resistor pots and nothing seems to help. Echo test works and sounds fine.

Any suggestions?

11311. Re: [gmsk_dv_node] Moen Board transmit

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-12-16 06:26:57 UTC
From: chrisdowland
Topic: 11308 Message: 11311

In my experience with any GMSK modem board it's critical to get the deviation no more than 1.6khz or the newer radios will see it as fm noise or digital "r2d2" if you don't have a service monitor start by taking the board in echo test mode and turn the deviation down until the radio no longer decodes the audio once it stop start turning it back up until it starts working again and STOP :) then put it on the air and get some people together and get some air between them and the repeater and start testing more is NOT better with Dataram you have to find the sweet spot without over deviating anything over 1.6khz will be clipped by the newer radios and you will get weird results out of the older radios also just more so out of the newer products normally when it just starts decoding I turn it just very slightly past that spot and it normally always works good luck
Chris-KF5DDP

Sent via the Samsung Galaxy S® 5 ACTIVE™, an AT&T 4G LTE smartphone

-------- Original message --------
From: "Chris Brown - GMail jcbkl4c@gmail.com [gmsk_dv_node]"
<gmsk_dv_node@yahoogroups.com>
Date:12/14/2014 6:45 PM (GMT-06:00)
To: gmsk_dv_node@yahoogroups.com
Cc:
Subject: Re: [gmsk_dv_node] Moen Board transmit

Sounds to me like a problem with your radio.

Chris Brown, KL4C
From my AT&T iPhone

On Dec 14, 2014, at 1:06 PM, w2hdi@arrl.net [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

I've successfully set up a hotspot with the Moen board, but I cannot seem to adjust it in order to receive audio from more than a few hundred yards away. I can receive just fine - easily a five to ten mile range. I've adjusted the resistor pots and nothing seems to help. Echo test works and sounds fine.

Any suggestions?

11312. RE: [gmsk_dv_node] Moen Board transmit

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-12-16 20:27:12 UTC
From: w2hdi@...
Topic: 11308 Message: 11312

Thanks Jim. You were very helpful when I first set up the system about six months ago. But, as noted, still not getting it right.

I should have been clearer in my posting... I can hear well, but the hotspot is not hearing me well when I transmit from my dstar mobile. I have an IC 880h in the mobile, plus an id31a handheld. The base radio is an Icom 207h. Software is wndv on a windows 7 laptop

Again, the situation is...
- Echo test works just fine with the ht nearby, with a lot of room to adjust the trim pot on the modem,
- As I drive around town, and connected to a reflector, I'm hearing very well in the car, using the 880h.
- But, even where I'm receiving the hotspot at almost full scale in the mobile, it's not hearing me well. For example, I'm only able to "unlink" from the mobile when I'm within about a half mile range of my home.

Thanks for your continuing support and help,

W2HDI

11313. RE: [gmsk_dv_node] Moen Board transmit

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-12-16 21:32:23 UTC
From: J. M. Moen
Topic: 11308 Message: 11313

Arnie,

I’m sorry I got that exactly backwards. The problem is your Hotspot has trouble receiving signals that are not strong. Naturally that’s a problem as signals get very weak, but it appears yours starts to fail when you are still close to the home QTH.

I need to think about this some more. At this point, you don’t know if the problem is with the Hotspot or with the mobile setup. If mobile, here are some things that you may have already thought about or checked, but are worth rechecking:
* Are both radios on the same exact frequency? You would think they would be, given that neither is very old. But assumptions can be wrong, and for digital voice modes like D-Star, if one radio is just a bit off, that could account for your problem.
* Is the 880 mobile transmitting sufficient power?
o What power level is the 880 set to? And can you check how much power it is actually giving out?
o Transmission line in the car, or antenna problems?
* Have you tested using your 31A? For example, you could run Echo Test and go pedestrian mobile with the 31A. As you get farther away, do you have the same issues of your Hotspot not receiving very well? You could set the 31A’s transmit power level to low, then high, and see what happens.

If the problem really is with the receive part of your Hotspot, I suppose you could play with the RX trim pot on the board. I normally set that in the middle and forget it, but given your issue, it may be worth it to adjust it when the incoming signal is fairly weak.

Getting into even more unlikely possibilities, you might use an ohmmeter to check that the GMSK radio cable’s RX wire is ok. I could lend you a new cable to see if that makes a difference.

If you find nothing, I could also lend you another board, just to be sure there is not a hardware problem.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, December 16, 2014 12:27 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Moen Board transmit
Thanks Jim. You were very helpful when I first set up the system about six months ago. But, as noted, still not getting it right.
I should have been clearer in my posting... I can hear well, but the hotspot is not hearing me well when I transmit from my dstar mobile. I have an IC 880h in the mobile, plus an id31a handheld. The base radio is an Icom 207h. Software is wndv on a windows 7 laptop

Again, the situation is...
- Echo test works just fine with the ht nearby, with a lot of room to adjust the trim pot on the modem,

- As I drive around town, and connected to a reflector, I'm hearing very well in the car, using the 880h.
- But, even where I'm receiving the hotspot at almost full scale in the mobile, it's not hearing me well. For example, I'm only able to "unlink" from the mobile when I'm within about a half mile range of my home.

Thanks for your continuing support and help,

W2HDI

11314. RE: [gmsk_dv_node] Moen Board transmit

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-12-17 01:12:49 UTC
From: Jay
Topic: 11308 Message: 11314

Does the ic208 have a 9600 baud setting.

And do you have the squelch all the way down, not sure if the attenuator is active in 9600 baud.

Jay N2GQ

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, December 16, 2014 3:27 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Moen Board transmit

Thanks Jim. You were very helpful when I first set up the system about six months ago. But, as noted, still not getting it right.

I should have been clearer in my posting... I can hear well, but the hotspot is not hearing me well when I transmit from my dstar mobile. I have an IC 880h in the mobile, plus an id31a handheld. The base radio is an Icom 207h. Software is wndv on a windows 7 laptop

Again, the situation is...

- Echo test works just fine with the ht nearby, with a lot of room to adjust the trim pot on the modem,

- As I drive around town, and connected to a reflector, I'm hearing very well in the car, using the 880h.

- But, even where I'm receiving the hotspot at almost full scale in the mobile, it's not hearing me well. For example, I'm only able to "unlink" from the mobile when I'm within about a half mile range of my home.

Thanks for your continuing support and help,

W2HDI

11315. RE: [gmsk_dv_node] Moen Board transmit

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-12-17 07:24:12 UTC
From: brian
Topic: 11308 Message: 11315

Hi Yes, the IC-208 does have a 9600 setting, a very good friend of mine (mw0rbl) has loaned me one and has worked perfectly for about 9 months with Men board and R-Pi. Brian gw6wtk
Sent from Samsung Mobile
-------- Original message --------
From: "'Jay' n2kpk@verizon.net [gmsk_dv_node]"
Date:17/12/2014 01:12 (GMT+00:00)
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Moen Board transmit

Does the ic208 have a 9600 baud setting. And do you have the squelch all the way down, not sure if the attenuator is active in 9600 baud. Jay N2GQ From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] Sent: Tuesday, December 16, 2014 3:27 PM To: gmsk_dv_node@yahoogroups.com Subject: RE: [gmsk_dv_node] Moen Board transmit Thanks Jim. You were very helpful when I first set up the system about six months ago. But, as noted, still not getting it right. I should have been clearer in my posting... I can hear well, but the hotspot is not hearing me well when I transmit from my dstar mobile. I have an IC 880h in the mobile, plus an id31a handheld. The base radio is an Icom 207h. Software is wndv on a windows 7 laptop Again, the situation is... - Echo test works just fine with the ht nearby, with a lot of room to adjust the trim pot on the modem, - As I drive around town, and connected to a reflector, I'm hearing very well in the car, using the 880h. - But, even where I'm receiving the hotspot at almost full scale in the mobile, it's not hearing me well. For example, I'm only able to "unlink" from the mobile when I'm within about a half mile range of my home. Thanks for your continuing support and help, W2HDI

11316. Moen Board Susceptibility to RF

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-12-21 01:19:26 UTC
From: af9w@...
Topic: 11316 Message: 11316

We have constructed a repeater from two ICOM mobile radios, a Moencomm modem, and a Raspberry Pi. We are running the modem in full duplex mode using VK4TUX Pidora image. We are still waiting for the duplexer so we are running on two antennas separated vertically. It works great unless we transmit too close with too much power, ie. 50 watt mobile in the driveway near the repeater. When that happens the Pi seems to be fine but the modem stops transmitting. No error messages in the software logs. The software says it is transmitting but the red light on the modem does not come on. This did not happen in simplex mode with the repeater cabling. Do we need to shield the modem better or is this a bug?

Bob AF9W

11317. Re: [gmsk_dv_node] Moen Board Susceptibility to RF

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-12-21 01:40:49 UTC
From: Alex Hartman
Topic: 11316 Message: 11317

I would say shielding. Is it flopping in the wind? If so, I would mount both the pi and the modem in a single aluminum box, common ground and all for chassis. Use something like a small 5v 5a mean well supply for power, you will be much happier.

--
Alex Hartman
On Dec 20, 2014 7:19 PM, "af9w@bobandgloria.com [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

>
>
> We have constructed a repeater from two ICOM mobile radios, a Moencomm
> modem, and a Raspberry Pi. We are running the modem in full duplex mode
> using VK4TUX Pidora image. We are still waiting for the duplexer so we
> are running on two antennas separated vertically. It works great unless
> we transmit too close with too much power, ie. 50 watt mobile in the
> driveway near the repeater. When that happens the Pi seems to be fine
> but the modem stops transmitting. No error messages in the software logs.
> The software says it is transmitting but the red light on the modem does
> not come on. This did not happen in simplex mode with the repeater
> cabling. Do we need to shield the modem better or is this a bug?
>
>
> Bob AF9W
>
>
>
>

11318. Moencom Board IC-7100 Problem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-12-21 04:06:14 UTC
From: jagungler25@...
Topic: 11318 Message: 11318

I have a Moen comm board connected to a Friendcom FC301 txcr, with a Raspi/G4KLX image, this setup works fine with my Id-51a, but I'm unable to use my IC-7100 to link/unlink to reflectors, the 7100 receives audio fine.
I setup the Moen board as per instructions using NawinTest software and all appears to works fine.
I've tried adjusting R36 on the board to to fine tune for the 7100, moving the pot over its full range in very small increments without success, (the ID51 works fine within about a 30 degree sweep of R36).
I have thought about bridging R6, but dont want to make the situation worse.
I have a mate who has an identical setup to mine, but is duplex, I have no problems working his site with the 7100.
I'm fresh out of ideas, has anyone had a similar problem and able to help.

Regards Russ VK2BJP

11319. RE: [gmsk_dv_node] Moen Board Susceptibility to RF

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-12-21 10:34:42 UTC
From: J. M. Moen
Topic: 11316 Message: 11319

When I have seen RF get into a board with microprocessor, it scrambles the firmware. The board stops running and the firmware needs to be reloaded. In your case, it appear the modem stops keying the transmitter.

Does everything work normally until a strong source of RF gets close to the installation? If so, then it appears all is configured right (e.g. you have used NAWinCFG's Mode Settings window to uncheck the Half Duplex box, and you have configured the G4KLX DStarRepeaterConfig's Callsign tab, Mode field to Duplex). So it is possible RF is causing some malfunction.

Different electronic boards have different levels of susceptibility to exposure to RF. I own a NUE-PSK digital modem (used for PSK without a PC). It would freeze up when using my FT-817 at 3 watts if the antenna were closer than 6 feet.

If RF is the problem, you could test the theory by wrapping it with something non-conducting, then wrap the whole thing with aluminum foil. If that doesn't stop the problem, put chokes on all cables into the board. If that stops it, then a metal enclosure and chokes are probably in order. The majority of installations, though, don't need this.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, December 20, 2014 5:19 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Moen Board Susceptibility to RF

We have constructed a repeater from two ICOM mobile radios, a Moencomm modem, and a Raspberry Pi. We are running the modem in full duplex mode using VK4TUX Pidora image. We are still waiting for the duplexer so we are running on two antennas separated vertically. It works great unless we transmit too close with too much power, ie. 50 watt mobile in the driveway near the repeater. When that happens the Pi seems to be fine but the modem stops transmitting. No error messages in the software logs. The software says it is transmitting but the red light on the modem does not come on. This did not happen in simplex mode with the repeater cabling. Do we need to shield the modem better or is this a bug?

Bob AF9W

11320. RE: [gmsk_dv_node] Moencom Board IC-7100 Problem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-12-21 10:47:56 UTC
From: J. M. Moen
Topic: 11318 Message: 11320

You say NAWinTEST worked ok, but I couldn’t tell if you did the testing with a 51A or 7100.

When you run NAWinTest, does RF Read show the callsigns and scrolling data blocks when the 7100 transmits? If so, then when you run Echo Test, can the 7100 hear and decode the playback?

When people have trouble with that, usually the problem is that the deviation is not quite right. This is adjusted by varying the Transmit audio level (TX trim pot R36 on the Matrix Circuits board). But the 51A is one of the most sensitive to deviation being slightly off, so if it works with the 51A, I am surprised it won’t with the 7100.

Another source of problems are caused by the two radios not being on the exact same frequency. The 7100 is an modern transceiver and is going to be on frequency. You might check that you have tuned it to the exact frequency the Friendcom is tuned for and that the 51A is using. Make sure you don’t accidentally have incremental tuning turned on.

I suspect the Friendcom is also on frequency, but that might be worth double-checking. Again, the strange thing is that the 51A works but the 7100 doesn’t.

In any case, please let us know if RF read works with the 7100, and how Echo Test works with the 7100.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, December 20, 2014 8:06 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Moencom Board IC-7100 Problem

I have a Moen comm board connected to a Friendcom FC301 txcr, with a Raspi/G4KLX image, this setup works fine with my Id-51a, but I'm unable to use my IC-7100 to link/unlink to reflectors, the 7100 receives audio fine.
I setup the Moen board as per instructions using NawinTest software and all appears to works fine.
I've tried adjusting R36 on the board to to fine tune for the 7100, moving the pot over its full range in very small increments without success, (the ID51 works fine within about a 30 degree sweep of R36).
I have thought about bridging R6, but dont want to make the situation worse.
I have a mate who has an identical setup to mine, but is duplex, I have no problems working his site with the 7100.
I'm fresh out of ideas, has anyone had a similar problem and able to help.

Regards Russ VK2BJP

11321. Yaesu FT847 and Moencomm Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-12-21 13:25:59 UTC
From: antg1jpv@...
Topic: 11321 Message: 11321

Hi all,

Just trying to set up my DV Gateway using my FT847 as the Analogue Rig, all is working properly except my Dstar radio is not getting the TX data from the 847? If I plug into my FT897 or even my IC2820 on FM analogue it works fine straight off?? Any body else any ideas?? Regards Tony G1JPV

11322. Re: [gmsk_dv_node] Yaesu FT847 and Moencomm Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-12-21 13:54:26 UTC
From: Dave Webb KB1PVH
Topic: 11321 Message: 11322

Tony,

Try changing the TX invert setting for the board.

On Dec 21, 2014 8:25 AM, "antg1jpv@yahoo.com [gmsk_dv_node]"
<gmsk_dv_node@yahoogroups.com> wrote:

Hi all,

Just trying to set up my DV Gateway using my FT847 as the Analogue Rig, all is working properly except my Dstar radio is not getting the TX data from the 847? If I plug into my FT897 or even my IC2820 on FM analogue it works fine straight off?? Any body else any ideas?? Regards Tony G1JPV

11323. Re: [gmsk_dv_node] Yaesu FT847 and Moencomm Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-12-21 14:50:42 UTC
From: O C CURRENS
Topic: 11321 Message: 11323

on the 847 be sure you set the data speed at 9600. display will have 9600 displayed on bottom line of radio freq. display. my 847 works fine

On Sunday, December 21, 2014 8:54 AM, "Dave Webb KB1PVH kb1pvh@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

Tony,
Try changing the TX invert setting for the board.
On Dec 21, 2014 8:25 AM, "antg1jpv@yahoo.com [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

>Hi all,
>
>
>Just trying to set up my DV Gateway using my FT847 as the Analogue Rig, all is working properly except my Dstar radio is not getting the TX data from the 847? If I plug into my FT897 or even my IC2820 on FM analogue it works fine straight off?? Any body else any ideas?? Regards Tony G1JPV

11324. Re: Yaesu FT847 and Moencomm Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-12-21 18:33:50 UTC
From: antg1jpv@...
Topic: 11321 Message: 11324

Hi Guys, Data speed is definitely 9600, and I have tried TX Invert but still not working,

Everything runs fine through Wintest except the 847 is Txing a FM signal but no data, RF read is fine but Echo test accepts my DV tx in but when txing welcome message I just get a signal coming into my HH but no voice or data?? and as I say If I connect up to any other radio it works fine (I would like to use my 847 as it has a separate antenna socket for UHF?? which is my Gateway band)

Regards Tony

11325. RE: [gmsk_dv_node] Re: Yaesu FT847 and Moencomm Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-12-22 02:46:11 UTC
From: J. M. Moen
Topic: 11321 Message: 11325

You are probably already doing this when using NAWinTEST, but for each TX Invert setting, do a long Echo Test and carefully adjust the TX trim pot (R36 on the Matrix Circuits board).

Since it all works with other radios, then clearly your cable is working, and the board seems to be working. The normal radio settings seem to be correct – on this radio you use FM mode, since it understands it is FM Packet if it sees PTT on the packet connector. And you have verified packet baud rate is 9600 on the band you are using.

That kind of leaves TX Invert and the TX trim pot as the most likely issues.

On Kenwood radios we sometimes see the need to crank up the TX audio level even beyond the max setting, and there is a simple mod for that, but normally Yaesu radios don’t need as much TX drive.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Sunday, December 21, 2014 10:34 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Yaesu FT847 and Moencomm Board

Hi Guys, Data speed is definitely 9600, and I have tried TX Invert but still not working,

Everything runs fine through Wintest except the 847 is Txing a FM signal but no data, RF read is fine but Echo test accepts my DV tx in but when txing welcome message I just get a signal coming into my HH but no voice or data?? and as I say If I connect up to any other radio it works fine (I would like to use my 847 as it has a separate antenna socket for UHF?? which is my Gateway band)

Regards Tony

Posted by: antg1jpv@...

11326. Re: Moencom Board IC-7100 Problem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-12-22 10:41:28 UTC
From: jagungler25@...
Topic: 11318 Message: 11326

G'day Jim, thx for ur reply,

The "RF Read" for both the 51 & 7100 check out ok, with rolling data blocks, the only difference between the two is, in the header under "Rptr 1 & 2", the 51 reads,, "direct" while the 7100 reads "VK2bjp",
under "flags" the 51 reads 00 while the 7100 reads 40

Under Echo Test both radios will record and playback both the "internal" message and my recording identically.

Regards Russ

11328. RE: [gmsk_dv_node] Re: Yaesu FT847 and Moencomm Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-12-22 18:28:56 UTC
From: antg1jpv@...
Topic: 11321 Message: 11328

Okay , Jim once again you are the saviour of the day!! I have done long echo test and yes the pot needed taking up to nearly full turn,but got there and my 847 is now txing and rxing correctly

You are a Star Jim !!

Merry Christmas and a Happy 2015 !!

73 Tony

11329. RE: [gmsk_dv_node] Re: Yaesu FT847 and Moencomm Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-12-23 02:16:32 UTC
From: J. M. Moen
Topic: 11321 Message: 11329

Tony,

That’s wonderful news. Thanks for letting us know.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, December 22, 2014 10:29 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: Yaesu FT847 and Moencomm Board
Okay , Jim once again you are the saviour of the day!! I have done long echo test and yes the pot needed taking up to nearly full turn,but got there and my 847 is now txing and rxing correctly
You are a Star Jim !!

Merry Christmas and a Happy 2015 !!

73 Tony

11330. windows 8 and star board echotest

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-12-24 17:35:37 UTC
From: james_pilkerton@...
Topic: 11330 Message: 11330

hello,just wanted to check if anyone has had success with a moencomm star board with windows 8?I never could get echo test to work.Reverted back to an older machine with win xp and had no trouble with an id-80 and an id-51 transmitting/receiving/rf link and unlink to the star board attached to an ft-857.Tried to test with a windows 7 box and it acts the same as the windows 8.Tried all tx and rx invert settings and adjusted but never could get echo test to record and replay.When linked to a reflector or band module of a local repeater receive level was fine,just never could get echo test to work.Had spoken offboard to Jim earlier but wanted to put this to the group for any other input.Have tried the latest release of win dv and reloaded na tools to make sure drivers were current .....Thanks all 73 wn4vsu

11331. Re: windows 8 and star board echotest

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-12-25 14:02:24 UTC
From: Bob Stephens
Topic: 11330 Message: 11331

I have set up my Moencomm board using NATTools on Windows 8.1 with no problems whatsoever.

Bob

11332. Re: [gmsk_dv_node] windows 8 and star board echotest

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-12-25 16:36:01 UTC
From: Bill
Topic: 11330 Message: 11332

Run with Win7 fine but just tried with Win8.1 and couldn't find it. ???

Regards,
Bill Pike
(from my mobile device)

> On Dec 24, 2014, at 12:35 PM, james_pilkerton@... [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com> wrote:
>
> hello,just wanted to check if anyone has had success with a moencomm star board with windows 8?I never could get echo test to work.Reverted back to an older machine with win xp and had no trouble with an id-80 and an id-51 transmitting/receiving/rf link and unlink to the star board attached to an ft-857.Tried to test with a windows 7 box and it acts the same as the windows 8.Tried all tx and rx invert settings and adjusted but never could get echo test to record and replay.When linked to a reflector or band module of a local repeater receive level was fine,just never could get echo test to work.Had spoken offboard to Jim earlier but wanted to put this to the group for any other input.Have tried the latest release of win dv and reloaded na tools to make sure drivers were current .....Thanks all 73 wn4vsu
>

11333. RE: [gmsk_dv_node] windows 8 and star board echotest

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-12-25 22:40:32 UTC
From: J. M. Moen
Topic: 11330 Message: 11333

Just remember the installation of NATools on Windows 8/8.1 is more elaborate. See our FAQ at
http://www.gmskdvnode.info/#Windows_8 <http://www.gmskdvnode.info/>

Also, we sometimes see perfectly good PCs and laptops with USB hardware that for some reason has a hard time working with various Hotspot programs. In other words, it is some sort of hardware compatibility issue, not a problem with the PC’s operating system. That’s why it often goes faster just moving to another PC with different USB hardware, if one is available.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, December 24, 2014 9:36 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] windows 8 and star board echotest

hello,just wanted to check if anyone has had success with a moencomm star board with windows 8?I never could get echo test to work.Reverted back to an older machine with win xp and had no trouble with an id-80 and an id-51 transmitting/receiving/rf link and unlink to the star board attached to an ft-857.Tried to test with a windows 7 box and it acts the same as the windows 8.Tried all tx and rx invert settings and adjusted but never could get echo test to record and replay.When linked to a reflector or band module of a local repeater receive level was fine,just never could get echo test to work.Had spoken offboard to Jim earlier but wanted to put this to the group for any other input.Have tried the latest release of win dv and reloaded na tools to make sure drivers were current .....Thanks all 73 wn4vsu__

Posted by: james_pilkerton@...

11335. RE: [gmsk_dv_node] windows 8 and star board echotest

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2014-12-30 23:09:27 UTC
From: james_pilkerton@...
Topic: 11330 Message: 11335

Hello Jim,and the group.Thanks for the reply.I hope to have some time the next couple of Holidays down time to try again with the newer windows laptops.I may try a powered usb 2.0 hub as suggested on the FAQ thread.One unit is an AMD 64 processor,one an Intel core I3 and another is an Atom so it could be hardware specific.The Rpi has no trouble as does the win xp,just was trying to get a newer netbook to keep all the digital ham radio programs under one hood for on the go.Again thanks for all the suggestions and all you do to support the community .Happy New Years to you and yours and good Good Luck to all in the coming months.73..wn4vsu...

11336. Re: [gmsk_dv_node] HF and dongle

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-01-01 12:45:53 UTC
From: O C CURRENS
Topic: 11203 Message: 11336

Jim, I have a couple of question. first you say hf dv is possible using a usb headset. Is there a tutorial for this op. my pi works great interfaced to my ft-847. do I just plug in my usb headset to pi or do I need a different program in pi.

next issue..... if I turn on my gps on ht it will transmit the location data fine, for awhile. then it will lock up the pi and requires a power cycle reload to unlock. ever seen this

On Tuesday, September 30, 2014 12:18 AM, "'J. M. Moen' jim@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

(Sorry for the late post. Busy around here.)
Great question. Matthew N8OHU andAndrew M1DNS are right–the variousG4KLX programs also work on Windows.
Ratherthan create a Hotspot (which links to the internet and turns the analog radio into a way to hear and talk to repeatersand reflectors), what you want to do is adapt an analog radio to act similarly to a D-Star radio. All that's needed is access to an AMBE chip (e.g.the DV Dongle or NW Digital DV3000) and a program whose purpose is tomanage the radio and the AMBE chip.
G4KLX has written such programs. He has several versions, depending on the interfacewith the radio(sound card, GMSK modem like the Star*Board, DVRPTR board,etc). The one you need for your Star*Board, as Andrew mentioned, is theGMSKClient program, available from the Files section of the dstar_development Yahoo Group. For a visual look, check outhttp://www.k6jm.com/images/GMSKClientDiag.pdf
It has tobe setup to accessthe AMBE chip and the GMSK Modem. It lets you configure it like you would a D-Star radio, that is, to define MyCall, RPT1, RPT2 etc. You use your PC's speaker and mike connections (or a USB headset with mike). The program has a PTT button that you click on with the mouse in order to transmit.
From the GMSKClient doc: "The purpose of this program is to emulate a D-Star capable radio. To this end it
requires access to a 9600Bd capable radio, connected to a GMSK Modem, a soundcard forheadphones/microphone (I use a USB headset from Logitech), and accessto a DV-Dongle. With these items, you should be ready to go."Since that was written, it is also possible to use a NW Digital DV3000 instead of the DV Dongle.
What is tricky is thatanalogradios can demand different RX Invert and TX Invert settings, depending on the band you are using. For those using GMSKClient to do D-Star on HF, this means you have todo a one-time setup process byworkingwith another HF D-Star radio (e.g.a nearby friend's 9100 or 7100) to find out the correct settings for each HF band you plan to use. This is really the maintask you will have when changing HF bands. Most people just keep a little chart of the band, RX Invert and TX Invert settings. When they change bands, they just bring up NAWinCFG and change those Invert settings as needed for that band.
I have more info on how to do the initial setup if you are interested, but the above is the main summary.
Keep in mind that while D-Star is not the ideal digital voice protocol for HF,it really does work when band conditions are good, and it is providing a lot of fun for those with D-Star capability on HF.

Jim – K6JM
From:gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent:Thursday, September 18, 2014 5:46 PM
To:gmsk_dv_node@yahoogroups.com
Subject:Re: [gmsk_dv_node] HF and dongle
Following up on this:
The G4KLX software seems to be RaspberryPi specific. Is there a code for Windows, which will allow me to use my hotspot to route HF dstar data to a Dvdongle? i.e.,

HF dstar net -> Icom 706 MKIIG -> star*board -> USB connection -> Windows PC -> Dvdongle -> mike & speakers

-73- Bill, AB4EJ

11337. RE: [gmsk_dv_node] HF and dongle

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-01-02 23:57:26 UTC
From: J. M. Moen
Topic: 11203 Message: 11337

I don’t have a tutorial on doing HF D-Star, but I have some notes that I can share with you, and I will work with you if you decide to try it out.

To adapt your analog HF radio to be able to have D-Star compatible QSOs on HF, you can use a GMSK Modem with a program called GMSKClient (by G4KLX). The program needs access to an AMBE device such as the DV3000U from NW Digital Radio or the DV Dongle by Internet Labs. (Matrix Circuits will soon be launching their Star*DV which also will contain an AMBE 3000 chip.)

I have not personally used a USB headset on the Pi. (My HF DV testing has been on Windows.) I suspect it is important to have the correct sound libraries installed on the Pi. Perhaps others have experience with this?

I have not heard of the Pi lockup triggered by GPS data location messages. I will contact you off-list and try to understand more about the problem.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, January 01, 2015 4:46 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] HF and dongle

Jim, I have a couple of question. first you say hf dv is possible using a usb headset. Is there a tutorial for this op. my pi works great interfaced to my ft-847. do I just plug in my usb headset to pi or do I need a different program in pi.

next issue..... if I turn on my gps on ht it will transmit the location data fine, for awhile. then it will lock up the pi and requires a power cycle reload to unlock. ever seen this

11338. RE: [gmsk_dv_node] HF and dongle

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-01-03 20:57:17 UTC
From: Don Woodward
Topic: 11203 Message: 11338

Jim:

I'll be ordering another GMSK board soon – I planned on doing HF DSTAR too with my Yaesu FT-847.

73's

Don Woodward

KD4APP

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Friday, January 02, 2015 6:57 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] HF and dongle

I don't have a tutorial on doing HF D-Star, but I have some notes that I can share with you, and I will work with you if you decide to try it out.

To adapt your analog HF radio to be able to have D-Star compatible QSOs on HF, you can use a GMSK Modem with a program called GMSKClient (by G4KLX). The program needs access to an AMBE device such as the DV3000U from NW Digital Radio or the DV Dongle by Internet Labs. (Matrix Circuits will soon be launching their Star*DV which also will contain an AMBE 3000 chip.)

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Jim – K6JM

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Sent: Thursday, January 01, 2015 4:46 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] HF and dongle

Jim, I have a couple of question. first you say hf dv is possible using a usb headset. Is there a tutorial for this op. my pi works great interfaced to my ft-847. do I just plug in my usb headset to pi or do I need a different program in pi.

next issue..... if I turn on my gps on ht it will transmit the location data fine, for awhile. then it will lock up the pi and requires a power cycle reload to unlock. ever seen this

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2015.0.5577 / Virus Database: 4257/8856 - Release Date: 01/02/15

11339. hotspot outbound to Internet is failing

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-01-05 05:33:44 UTC
From: Tony
Topic: 11339 Message: 11339

Greetings,

I am assisting a friend with an RPi B+ installation of the condv software. Power to the RPi is a 5-port 40W 2.1A/port USB supply. The GMSK board hotspot runs properly when connected to an aging, very slow Toshiba laptop running winDV 1.5.6.

The /dstar/etc/condv.d/hotspot.conf file appears to us to have the correct entries, and the program also appears to start correctly. The GMSK board has the LEDs lighting at the proper time. The board receives properly from the connected repeater, but an HT transmit on the hotspot frequency does not leave via the Internet:

```
##################################
0102134442 DUTCH*Star Console-Mode DV Hotspot V2.0.0-141
0102134442 Copyright 2008-2014 MicroWalt Corporation.
0102134442
0102134442 Platform: RaspberryPi Rev.X00000010 (UNK MN) #31fd3e18
0102134442
0102134442 Station 'xxxxx' starting up.
0102134442
0102134442 NODE: DUTCH*Star HSA V0.1.00F HSFIX
0102134442 NODE: device running!
0102134442 RF PORT: 'xxxxx B'
0102134442
0102134442 CServer: DSTARNS.OPENDSTAR.ORG (AA4RC Callsign Server)
0102134442 Auto-connecting to 'xxxxxx b'..
0102134443 DPlus[xxxxxx B]: connected
0102134444 NODE: Device hung in PTT 0 # transmit from HT to hotspot
radio begins here
0102134444 NODE: I/O error 32 on READ
(many more such lines exactly the same)
...
##################################
```

It would be much appreciated if some better understanding of the problem is available, please. The hotspot is back on the winDV for now, but it can be changed to the RPi if additional diagnostics are needed.

Thank you for your considerations.

11340. Re: [gmsk_dv_node] hotspot outbound to Internet is failing

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-01-05 10:27:43 UTC
From: Storer, Darren
Topic: 11339 Message: 11340

Hi Tony,

the callsigns in the log entries have been anonymised, so it isn't possible
to check them.

Have you checked that the callsigns are registered?

http://dstar.info/query.html

73 de Darren
G7LWT

On 5 January 2015 at 05:33, Tony ynotssor@... [gmsk_dv_node] <
gmsk_dv_node@yahoogroups.com> wrote:

>
>
> Greetings,
>
> I am assisting a friend with an RPi B+ installation of the condv
> software. Power to the RPi is a 5-port 40W 2.1A/port USB supply. The
> GMSK board hotspot runs properly when connected to an aging, very slow
> Toshiba laptop running winDV 1.5.6.
>
> The /dstar/etc/condv.d/hotspot.conf file appears to us to have the
> correct entries, and the program also appears to start correctly. The
> GMSK board has the LEDs lighting at the proper time. The board receives
> properly from the connected repeater, but an HT transmit on the hotspot
> frequency does not leave via the Internet:
>
> ##################################
> 0102134442 DUTCH*Star Console-Mode DV Hotspot V2.0.0-141
> 0102134442 Copyright 2008-2014 MicroWalt Corporation.
> 0102134442
> 0102134442 Platform: RaspberryPi Rev.X00000010 (UNK MN) #31fd3e18
> 0102134442
> 0102134442 Station 'xxxxx' starting up.
> 0102134442
> 0102134442 NODE: DUTCH*Star HSA V0.1.00F HSFIX
> 0102134442 NODE: device running!
> 0102134442 RF PORT: 'xxxxx B'
> 0102134442
> 0102134442 CServer: DSTARNS.OPENDSTAR.ORG (AA4RC Callsign Server)
> 0102134442 Auto-connecting to 'xxxxxx b'..
> 0102134443 DPlus[xxxxxx B]: connected
> 0102134444 NODE: Device hung in PTT 0 # transmit from HT to hotspot

> radio begins here
> 0102134444 NODE: I/O error 32 on READ
> (many more such lines exactly the same)
> ...
> ##################################
>
> It would be much appreciated if some better understanding of the problem
> is available, please. The hotspot is back on the winDV for now, but it
> can be changed to the RPi if additional diagnostics are needed.
>
> Thank you for your considerations.
>
>
>

11341. Re: [gmsk_dv_node] hotspot outbound to Internet is failing

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-01-05 16:58:35 UTC
From: Tony
Topic: 11339 Message: 11341

Thank you Darren, yes, the callsigns are indeed registered for several years, and as I mentioned they work properly on winDV 1.5.6. It's just the condv hotspot installation on the RPi B+ that suffers the one-way outgoing Internet failure.

May I ask if you yourself are successfully running condv on a RPi B+ please?

On 01/05/2015 02:27 AM, 'Storer, Darren' darren.storer@... [gmsk_dv_node] wrote:

Hi Tony,

the callsigns in the log entries have been anonymised, so it isn't possible to check them.

Have you checked that the callsigns are registered?

http://dstar.info/query.html

73 de Darren

G7LWT

On 5 January 2015 at 05:33, Tony ynotssor@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

Greetings,

I am assisting a friend with an RPi B+ installation of the condv software. Power to the RPi is a 5-port 40W 2.1A/port USB supply. The GMSK board hotspot runs properly when connected to an aging, very slow Toshiba laptop running winDV 1.5.6.

The /dstar/etc/condv.d/hotspot.conf file appears to us to have the correct entries, and the program also appears to start correctly. The GMSK board has the LEDs lighting at the proper time. The board receives properly from the connected repeater, but an HT transmit on the hotspot frequency does not leave via the Internet:

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0102134442 DUTCH*Star Console-Mode DV Hotspot V2.0.0-141
0102134442 Copyright 2008-2014 MicroWalt Corporation.
0102134442
0102134442 Platform: RaspberryPi Rev.X00000010 (UNK MN) #31fd3e18
0102134442
0102134442 Station 'xxxxx' starting up.
0102134442
0102134442 NODE: DUTCH*Star HSA V0.1.00F HSFIX
0102134442 NODE: device running!
0102134442 RF PORT: 'xxxxx B'
0102134442
```

```
0102134442 CServer: DSTARNS.OPENDSTAR.ORG (http://DSTARNS.OPENDSTAR.ORG) (AA4RC Callsign
Server)
0102134442 Auto-connecting to 'xxxxxx b'..
0102134443 DPlus[xxxxxx B]: connected
0102134444 NODE: Device hung in PTT 0 # transmit from HT to hotspot
radio begins here
0102134444 NODE: I/O error 32 on READ
(many more such lines exactly the same)
...
##############################
```

It would be much appreciated if some better understanding of the problem is available, please. The hotspot is back on the winDV for now, but it can be changed to the RPi if additional diagnostics are needed.

Thank you for your considerations.

11343. Simoco srm9000 help needed please

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-01-21 13:06:11 UTC
From: pyshack@...
Topic: 11343 Message: 11343

can anyone help please
Has anyone set up a Sunoco srm9000 to work with a mini hotspot.
Does a standard srm9000 have the cabibility to do 9600 bps to handle the gmsk data.
I have been told about the pin outs and confirms what I've already done but the baud rate and software setup is the real question please.

11344. RE: [gmsk_dv_node] Simoco srm9000 help needed please

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-01-21 16:34:57 UTC
From: J. M. Moen
Topic: 11343 Message: 11344

I have no experience with this radio, but I just downloaded the manual (dated 2007-04-04). Hopefully someone with actual experience with this radio will comment about if this radio will work with a GMSK modem and specifically how to program it.

When we say an analog radio will work with a GMSK Modem if it supports 9600 baud packet, this is actually just one way to verify the radio will do what we want.

The actual requirement is that the radio allow access to unprocessed/unfiltered receiver audio and to unprocessed transmit audio. The reason is that a GMSK modulated audio signal contains a wider range of frequencies than most other types of modulaton, particularly lower frequencies. Any filtering and any pre/de-emphasis can remove those frequencies and keep the radio from working with the GMSK Modem. If a radio officially supports 9600 packet, that almost always means it provides direct access to the discriminator and modulator. For those radios, you just find how to put the radio into 9600 packet data mode, usually with a simple menu setting.

But other radios that don't claim packet data and 9600 baud support can often be made to work. Ideally a person should study the radio's schematic, but what follows is just based on a quick glance at the product manual.

The Sunoco SRM9000 appears to allow access to what you need. The 8 pin RJ45 Mike/Control Unit/Programming connector on the front (page 22) has pin 1 for Tx-Data , and on page 28 the table shows that neither audio compression nor pre-emphasis are applied to that pin. Pin 8 is described as Mic Audio IP (Pre-emp or Flat) -- I did not dig deep enough in the manual, but it sounds like that pin could be programmed to be flat. It's possible the expected voltages are different for the two pins, so a look at the schematic or experimentation may be needed to decide which pin to use.

Note there is no explicit PTT line. The radio goes into transmit when it sees audio on the audio input line. You can program how many milliseconds to delay before going to transmit.

Remember also that since GMSK Modems are able to analyze the received audio to determine if a valid GMSK signal is present, you don't need access to COS/SQL information. For this radio, you would only connect up TX audio input, RX audio output and ground.

Sorry I can't be more certain and give you programming info. Again, hopefully someone with experience will comment.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, January 21, 2015 5:06 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Simoco srm9000 help needed please

can anyone help please
Has anyone set up a Sunoco srm9000 to work with a mini hotspot.
Does a standard srm9000 have the cabibility to do 9600 bps to handle the gmsk data.
I have been told about the pin outs and confirms what I've already done but the baud rate and software setup is the real question please.

Posted by: pyshack@...

11345. Re: [gmsk_dv_node] Simoco srm9000 help needed please

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-01-21 16:49:05 UTC
From: Matthew Pitts
Topic: 11343 Message: 11345

Jim,
I believe Michael, VK5ZEA, has used these radios for D-STAR; perhaps he will see this and respond.
Matthew PittsN8OHU

From: "'J. M. Moen' jim@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Wednesday, January 21, 2015 11:34 AM
Subject: RE: [gmsk_dv_node] Simoco srm9000 help needed please

I have no experience with this radio, but I just downloaded the manual (dated 2007-04-04). Hopefully someone with actual experience with this radio will comment about if this radio will work with a GMSK modem and specifically how to program it.

When we say an analog radio will work with a GMSK Modem if it supports 9600 baud packet, this is actually just one way to verify the radio will do what we want.

The actual requirement is that the radio allow access to unprocessed/unfiltered receiver audio and to unprocessed transmit audio. The reason is that a GMSK modulated audio signal contains a wider range of frequencies than most other types of modulaton, particularly lower frequencies. Any filtering and any pre/de-emphasis can remove those frequencies and keep the radio from working with the GMSK Modem. If a radio officially supports 9600 packet, that almost always means it provides direct access to the discriminator and modulator. For those radios, you just find how to put the radio into 9600 packet data mode, usually with a simple menu setting.

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Sorry I can't be more certain and give you programming info. Again, hopefully someone with experience will comment.

Jim - K6JM

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Sent: Wednesday, January 21, 2015 5:06 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Simoco srm9000 help needed please

can anyone help please
Has anyone set up a Sunoco srm9000 to work with a mini hotspot.
Does a standard srm9000 have the cabibility to do 9600 bps to handle the gmsk data.
I have been told about the pin outs and confirms what I've already done but the baud rate and software setup is the real question please.

_____
Posted by: pyshack@...
_____

11346. connecting to refectors and repeaters.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-01-24 01:49:25 UTC
From: n2tnk@...
Topic: 11346 Message: 11346

Hello to all, I am having trouble connecting to a ref like REF001A or a repeater like K5LET C. I am using a starboard, GSMK repeater software and ircddb software. I can connect to DCS and XRF refectors without problem, but when I try and connect to any REF, or repeater, I get a message saying "REF001 A not found!" So do I need another program to run for REF and repeaters?

Thanks,
Bill
N2TNK

11347. Re: connecting to refectors and repeaters.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-01-24 03:59:50 UTC
From: n2tnk@...
Topic: 11346 Message: 11347

I was able to figure it out, did not go through the programming all the way

THX
Bill
N2TNK

11348. Re: windows 8 and star board echotest

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-01-24 16:28:01 UTC
From: mmandell132@...
Topic: 11330 Message: 11348

I am also very interested in the experience of others with this. I just got my StarBoard and installed it on Windows 8.1. The TX test looks perfect. The Echo test appears to be doing everything right (FM radio transmits, ID51 receives but zero audio comes out of radio. I was about to start fooling with the squelch, as the 2 resistors for TX and RX seem OK per the LEDs. I know I have everything installed correctly with NATools and am aware of the driver signing and VBA "patch" for Windows 8. Computers I know, radio not so much.
I did not want to actually install WinDV and maybe irritate people on a Reflector with something not working, but after reading this I may try. As long as it works for real, I really don't care too much about NATools Echo Test. I do not want to be transmitting half a QSO somewhere, though Thanks. KC3BLF.

11349. RE: [gmsk_dv_node] Re: windows 8 and star board echotest

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-01-24 18:49:55 UTC
From: J. M. Moen
Topic: 11330 Message: 11349

Mike,

The most common reason a D-Star radio is unable to decode a transmission from a Hotspot is that the TX Invert box needs to be reversed (using NAWinCFG), or the TX trim pot (R36 on your board) needs to be adjusted more carefully. Check out Question 7 on our FAQ at http://www.gmskdvnode.info/ .

Another troubleshooting approach – transmit into NAWinTEST's Echo Test for a long time. During the long playback, force your D-Star radio from DV mode to FM mode, and listen to the transmission. You should hear a kind of white noise, which is the rapidly changing GMSK-modulated tones. If you hear the carrier but it is silent, then probably you need to check the firmware settings using NAWinCFG, in the Mode Settings window, to be sure COS Check is not checked, and RSSI Report IS checked.

My recommended firmware settings can be seen at http://www.k6jm.com/hs-setup.htm Steps 4.b.5 and 4.b.9.

Finally, the recommend firmware settings put your board into a mode where it figures out if a valid GMSK signal is being heard. You normally don't need to adjust squelch.

Normally, if you can't get Echo Test to work, then it won't work when using WinDV or one of the other Hotspot programs.

Let us know how the testing goes.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, January 24, 2015 8:28 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: windows 8 and star board echotest
I am also very interested in the experience of others with this. I just got my StarBoard and installed it on Windows 8.1. The TX test looks perfect. The Echo test appears to be doing everything right (FM radio transmits, ID51 receives but zero audio comes out of radio. I was about to start fooling with the squelch, as the 2 resistors for TX and RX seem OK per the LEDs. I know I have everything installed correctly with NATools and am aware of the driver signing and VBA "patch" for Windows 8. Computers I know, radio not so much.
I did not want to actually install WinDV and maybe irritate people on a Reflector with something not working, but after reading this I may try. As long as it works for real, I really don't care too much about NATools Echo Test. I do not want to be transmitting half a QSO somewhere, though Thanks. KC3BLF._._,_.___

Posted by: mmandell132@...

11350. RE: [gmsk_dv_node] Re: windows 8 and star board echotest

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-01-25 19:25:13 UTC
From: mmandell132@...
Topic: 11330 Message: 11350

Jim:
I thought I tried it both ways, but after everything else seemed fine, I changed the TX box again and it is fine.
Operator error. Board works great. Just did a little test with my ID51 in the car (mag mount) and could hear the hotspot from 3 miles away. Might have gone further, but that's as far as I was going this morning. Now I have to work on figuring out ircDBB registration.

11352. ICOM IC-208H

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-02 20:50:18 UTC
From: chipmckcmo@...
Topic: 11352 Message: 11352

All,

I am looking to put up a personal DSTAR hot spot and wonder if the Icom IC-208H will work with a StarBoard to make a hot spot? Anybody ever used one in that application? Suggestions/comments appreciated.

Chip
WB0LBZ

11353. Re: [gmsk_dv_node] ICOM IC-208H

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-03 09:18:18 UTC
From: brian
Topic: 11352 Message: 11353

Hi Chip I have used/am using the 208H with several node configs , soundcard, gmsk, dvrptr and it works very well indeed. Regards Brian gw6wtk Sent from Samsung Mobile
-------- Original message --------
From: "chipmckcmo@aol.com [gmsk_dv_node]"
Date:02/02/2015 20:50 (GMT+00:00)
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] ICOM IC-208H

All, I am looking to put up a personal DSTAR hot spot and wonder if the Icom IC-208H will work with a StarBoard to make a hot spot? Anybody ever used one in that application? Suggestions/comments appreciated. Chip WB0LBZ

11354. Re: ICOM IC-208H

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-03 14:32:45 UTC
From: af9w@...
Topic: 11352 Message: 11354

I have used a 208h with a Moencomm board and with a DVRPTR_v1 NA. It works great. Very easy to get the levels set correctly. We currently are using an IC-207 as the receiver and an IC-208H as the transmitter in a homebrew D-Star repeater.

Bob AF9W

11355. RE: [gmsk_dv_node] ICOM IC-208H

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-03 14:56:20 UTC
From: Brad Kellison
Topic: 11352 Message: 11355

Yes you can use the IC-208H thru the Data Jack on the back with a Moencomm Starboard for DSTAR. Any radio with a 9600 Baud data port will work just fine.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, February 2, 2015 3:50 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] ICOM IC-208H

All,

I am looking to put up a personal DSTAR hot spot and wonder if the Icom IC-208H will work with a StarBoard to make a hot spot? Anybody ever used one in that application? Suggestions/comments appreciated.

Chip

WB0LBZ

_____
<http://thirdpartyoffers.juno.com/TGLI3156/?u=http://newsletter.adsonar.com/nwrss/imgs/nwr_1560786_36140222_379054_2070767_4_2.PNG?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&zw=500&zh=70&v=5&url=NA&uid=>

11356. RE: [gmsk_dv_node] ICOM IC-208H

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-03 20:07:52 UTC
From: Biz
Topic: 11352 Message: 11356

HI All,

I’m looking to make a Hotspot also, but need to obtain a radio equipped with 9600 baud data port. Would anyone happen to have a list of radios with such ports fitted please?

I don’t suppose there are handhelds with them are there?

Many thanks

B

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: 03 February 2015 14:56
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] ICOM IC-208H

Yes you can use the IC-208H thru the Data Jack on the back with a Moencomm Starboard for DSTAR. Any radio with a 9600 Baud data port will work just fine.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, February 2, 2015 3:50 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] ICOM IC-208H

All,

I am looking to put up a personal DSTAR hot spot and wonder if the Icom IC-208H will work with a StarBoard to make a hot spot? Anybody ever used one in that application? Suggestions/comments appreciated.

Chip

WB0LBZ

<http://thirdpartyoffers.juno.com/TGLI3156/?u=http://newsletter.adsonar.com/nwrss/imgs/nwr_1560786_36140222_379054_2070767_4_2.PNG?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&zw=500&zh=70&v=5&url=NA&uid=>

11357. RE: [gmsk_dv_node] ICOM IC-208H

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-03 20:51:01 UTC
From: Aaren Jensen
Topic: 11352 Message: 11357

Myself and another local ham used Kenwood TM-V7A's. Just a coincidence that
we both had the same model of radio sitting on a shelf not getting any use.

I sure wish I had found that list that your looking for, personally I
looked and never found one anywhere.

73

VA7AEJ
On Feb 3, 2015 12:08 PM, "'Biz' bizmarty@... [gmsk_dv_node]" <
gmsk_dv_node@yahoogroups.com> wrote:

>
>
> HI All,
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>
>
> I'm looking to make a Hotspot also, but need to obtain a radio equipped
> with 9600 baud data port. Would anyone happen to have a list of radios with
> such ports fitted please?
>
> I don't suppose there are handhelds with them are there?
>
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>
> Many thanks
>
> B
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>
>
> *From:* gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
>
> *Sent:* 03 February 2015 14:56
> *To:* gmsk_dv_node@yahoogroups.com
> *Subject:* RE: [gmsk_dv_node] ICOM IC-208H
>
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> Yes you can use the IC-208H thru the Data Jack on the back with a Moencomm
> Starboard for DSTAR. Any radio with a 9600 Baud data port will work just

> fine.
>
>
>
> *From:* gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com
> <gmsk_dv_node@yahoogroups.com>]
> *Sent:* Monday, February 2, 2015 3:50 PM
> *To:* gmsk_dv_node@yahoogroups.com
> *Subject:* [gmsk_dv_node] ICOM IC-208H
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> All,
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>
> I am looking to put up a personal DSTAR hot spot and wonder if the
> Icom IC-208H will work with a StarBoard to make a hot spot? Anybody ever
> used one in that application? Suggestions/comments appreciated.
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> Chip
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> WB0LBZ
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11358. Hotspot Question

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-03 22:22:36 UTC
From: chipmckcmo@...
Topic: 11358 Message: 11358

OK, I have the radio, computer and StarBoard. I am ready to start the process of activating my hotspot.

The first step I see in the instructions is regarding registering the hotspot on the DSTAR network. I have registered my call sign and am active on DSTAR using a DVAP already. Do I need to do anything at all?

There is mention of possibly needing up to 3 terminal IDs that are registered. Here in Kansas City, we do not have a working DSTAR repeater that supports the registration process. So, the question is if I need three IDs, how, in the absence of a local repeater, do I complete registering the hotspot IDs?

Thanks for any suggestions, I thought the software configuration would be the confusing part.

Jacob "Chip"
WB0LBZ

11359. RE: [gmsk_dv_node] Hotspot Question

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-03 23:23:24 UTC
From: J. M. Moen
Topic: 11358 Message: 11359

Chip,

I see from one of the US Trust registration lookup sites (http://query.ke5bms.com/index.php) that your call has one terminal set up. That has a blank module or initial, which is the first one everyone should get.

That is actually sufficient to get your hotspot to work. For people wanting to use DPlus, typically to link out to REF-type reflectors, your Hotspot's callsign + module-letter needs to be a registered terminal. So you would set up your Hotspot with a blank module-letter. It will work fine for most things. But if you later want friends to be able to link into your hotspot (has to be configured properly), you will want your Hotspot's module letter to be A, B, C or D (I think that's the list). So at that time, you could go back and register one of those and change your Hotspot configuration.

I normally recommend people get at least two terminals set up for their Hotspot – one with a blank module-letter/initial and one with a B if Hotspot will be on 70cm or C if on 2 meters. These are just conventions, but widely followed.

Regarding registration – there are no real rules here. We normally recommend you try to register at the nearest ICOM D-STAR Repeater/Gateway, or at least one in your region. I am Gateway Admin for our local repeater, and sometimes get requests from international locations. I always ask if there is a Gateway somewhat closer to them.

In your case, since your callsign is registered and one terminal is set up at W0CW, that is where you should set up any other terminals, if you decide to.

HOWEVER, in looking at http://www.dstarusers.org/viewrepeater.php?system=W0CW , the gateway registration URL that is listed does not respond. The D-Star repeater using that callsign seems to still be in operation, since several stations heard on W0CW are listed. The Kansas City DX Club, callsign W0CW, has its own website with no mention of D-Star. So that is strange.

Many Gateways allow users to self-register. Some do not, in which case you need to track down the email address of the Admin and ask them to add the terminal.

In this case, if W0CW no longer supports D-Star registration, you may want to contact a member of the US Trust team and ask that your registration be completely removed from W0CX. When done, you could then register somewhere else in your region. It would not have to be in KC.

Contact me directly if you have more questions about this.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, February 03, 2015 2:23 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Hotspot Question

OK, I have the radio, computer and StarBoard. I am ready to start the process of activating my hotspot.
The first step I see in the instructions is regarding registering the hotspot on the DSTAR network. I have registered my call sign and am active on DSTAR using a DVAP already. Do I need to do anything at all?
There is mention of possibly needing up to 3 terminal IDs that are registered. Here in Kansas City, we do not have a working DSTAR repeater that supports the registration process. So, the question is if I need three IDs, how, in the absence of a local repeater, do I complete registering the hotspot IDs?
Thanks for any suggestions, I thought the software configuration would be the confusing part.
Jacob "Chip"
WB0LBZ
Posted by: chipmckcmo@...

11360. RE: [gmsk_dv_node] ICOM IC-208H

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-03 23:39:20 UTC
From: J. M. Moen
Topic: 11352 Message: 11360

Regarding a list of Hotspot ready radios -- Someone should have created one, but so far I don't think anyone has created such a list. You can go to the Yahoo Groups website for this group and check the Files area, Radios folder to which radios people have documented as working in Hotspot duty.

What you are looking for is a radio that provides easy access to PTT with a direct connection to the modulator (flat, no filtering) and direct connection from the discriminator (no de-emphasis, no filtering). Normally, radios that support 9600 baud packet data can be configured to do just that.

When someone asks me if radio x will work, I find the manual on the internet and look for a packet data connector. Most are standardized to the 6 pin mini DIN, though some radios use other connectors, meaning you get to wire up your own cable. 9600 packet data support is not a total guarantee, though. The radio I am using for my main Hotspot is an Alinco DR135 MkIII. It supports packet data but applies some filtering anyway, so a simple mod is needed in that case. But most that support 9600 packet will work without mods.

I recommend people first look in their closet, so to speak. Lots of us have an analog VHF/UHF radio in there. Next, check at swapmeets or hamclub auctions. You can also check on the ham classified websites or even eBay and possibly find a good deal.

Radios pulled from public service vehicles can be a good deal. I have used Motorola MaxTracs for Hotspots, and others have used the GM300. Programming them can be the problem, unless you know someone with the Motorola software.

It is increasingly difficult to find new VHF/UHF radios that support packet data. The above-mentioned Alinco (single band), with the mod, is a good deal.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, February 03, 2015 12:08 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] ICOM IC-208H
HI All,
I'm looking to make a Hotspot also, but need to obtain a radio equipped with 9600 baud data port. Would anyone happen to have a list of radios with such ports fitted please?
I don't suppose there are handhelds with them are there?
Many thanks
B

11361. RE: [gmsk_dv_node] ICOM IC-208H

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-03 23:50:18 UTC
From: Kent Hufford
Topic: 11352 Message: 11361

Yes FT1500 VHF radios have a 9600 bd port. And work fine.

Tho used, they are going for more than new.

Kent
KQ4KK

On February 3, 2015 6:39:20 PM EST, "'J. M. Moen' jim@... [gmsk_dv_node]"
<gmsk_dv_node@yahoogroups.com> wrote:
>Regarding a list of Hotspot ready radios -- Someone should have created
>one, but so far I don't think anyone has created such a list. You can
>go to the Yahoo Groups website for this group and check the Files area,
>Radios folder to which radios people have documented as working in
>Hotspot duty.
>
>What you are looking for is a radio that provides easy access to PTT
>with a direct connection to the modulator (flat, no filtering) and
>direct connection from the discriminator (no de-emphasis, no
>filtering). Normally, radios that support 9600 baud packet data can be
>configured to do just that.
>
>When someone asks me if radio x will work, I find the manual on the
>internet and look for a packet data connector. Most are standardized
>to the 6 pin mini DIN, though some radios use other connectors, meaning
>you get to wire up your own cable. 9600 packet data support is not a
>total guarantee, though. The radio I am using for my main Hotspot is
>an Alinco DR135 MkIII. It supports packet data but applies some
>filtering anyway, so a simple mod is needed in that case. But most
>that support 9600 packet will work without mods.
>
>I recommend people first look in their closet, so to speak. Lots of us
>have an analog VHF/UHF radio in there. Next, check at swapmeets or
>hamclub auctions. You can also check on the ham classified websites or
>even eBay and possibly find a good deal.
>
>Radios pulled from public service vehicles can be a good deal. I have
>used Motorola MaxTracs for Hotspots, and others have used the GM300.
>Programming them can be the problem, unless you know someone with the
>Motorola software.
>
>It is increasingly difficult to find new VHF/UHF radios that support
>packet data. The above-mentioned Alinco (single band), with the mod,
>is a good deal.
>
> Jim – K6JM
>

>From: gmsk_dv_node@yahoogroups.com
>[mailto:gmsk_dv_node@yahoogroups.com]
>Sent: Tuesday, February 03, 2015 12:08 PM
>To: gmsk_dv_node@yahoogroups.com
>Subject: RE: [gmsk_dv_node] ICOM IC-208H
>HI All,
>I’m looking to make a Hotspot also, but need to obtain a radio equipped
>with 9600 baud data port. Would anyone happen to have a list of radios
>with such ports fitted please?
>I don’t suppose there are handhelds with them are there?
>Many thanks
>B

--
Sent from my smart phone.

11362. D-Star Antenna Polarization

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-07 20:09:10 UTC
From: bizmarty@...
Topic: 11362 Message: 11362

Hi,

I'm looking to get a Yagi as sometimes I'm not getting a good signal from the local repeater.
Do I mount this vertically or horizontally, or does it really vary from country to country, repeater to repeater?
I've tried searching 70cm polarization etc, etc. with no joy as yet.

Thanks in advance.

11363. Re: [gmsk_dv_node] D-Star Antenna Polarization

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-07 20:24:45 UTC
From: Rick Pinelli
Topic: 11362 Message: 11363

Vertical my Brother....

On Sat, Feb 7, 2015 at 2:09 PM, bizmarty@lineone.net [gmsk_dv_node] <
gmsk_dv_node@yahoogroups.com> wrote:

>
>
> Hi,
>
>
> I'm looking to get a Yagi as sometimes I'm not getting a good signal from
> the local repeater.
>
> Do I mount this vertically or horizontally, or does it really vary from
> country to country, repeater to repeater?
>
> I've tried searching 70cm polarization etc, etc. with no joy as yet.
>
>
> Thanks in advance.
>
>
>

--
MDARC Net - Fridays @ 20:30 Hrs.
W4LET Node B
Refelector 60B

11364. Re: [gmsk_dv_node] D-Star Antenna Polarization

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-08 09:58:38 UTC
From: <g4sji@...>
Topic: 11362 Message: 11364

It needs to be vertical and depending how far away you are you may not need such a big beam but that is something you will

have to calculate.

Regards Tony G4SJI

Sent from Windows Mail

From: Rick Pinelli memphisdstar@gmail.com [gmsk_dv_node]
Sent: ☐Saturday☐, ☐7☐ ☐February☐ ☐2015 ☐20☐:☐24
To: gmsk_dv_node@yahoogroups.com

Vertical my Brother....

On Sat, Feb 7, 2015 at 2:09 PM, bizmarty@lineone.net [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

Hi,

I'm looking to get a Yagi as sometimes I'm not getting a good signal from the local repeater.

Do I mount this vertically or horizontally, or does it really vary from country to country, repeater to repeater?

I've tried searching 70cm polarization etc, etc. with no joy as yet.

Thanks in advance.

--

MDARC Net - Fridays @ 20:30 Hrs.
W4LET Node B

Refelector 60B

11365. pi, star board, and gm300 issues

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-11 11:29:59 UTC
From: n2tnk@...
Topic: 11365 Message: 11365

Hello all. I have come upon a little bit of a problem. I am using a pi b+, moencomm starboard, and a gm300 uhf radio. Using dstar repeater and ircddb download from western d-star. The only ref I can connect to and actually have a qso is REF001 A. I can connect to any reflector or repeater I like, but can only have a QSO on REF001. I have used Jim's, K6JM, walkthrough on setting up the board and pi, using N2TNK B and N2TNK for the authcall, but am unable to QSO on any ref or repeater other than REF001. Any help with this would greatly be appreciated.

Thanks
Bill
N2TNK

11366. Re: [gmsk_dv_node] pi, star board, and gm300 issues

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-11 13:16:12 UTC
From: MontyS
Topic: 11365 Message: 11366

I think the registration of your call with the DStar authorities needs updating/expansion.

Monty K2DLJ

From: mailto:gmsk_dv_node@yahoogroups.com
Sent: Wednesday, February 11, 2015 6:29 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] pi, star board, and gm300 issues

Hello all. I have come upon a little bit of a problem. I am using a pi b+, moencomm starboard, and a gm300 uhf radio. Using dstar repeater and ircddb download from western d-star. The only ref I can connect to and actually have a qso is REF001 A. I can connect to any reflector or repeater I like, but can only have a QSO on REF001. I have used Jim's, K6JM, walkthrough on setting up the board and pi, using N2TNK B and N2TNK for the authcall, but am unable to QSO on any ref or repeater other than REF001. Any help with this would greatly be appreciated.

Thanks

Bill

N2TNK

11367. Re: pi, star board, and gm300 issues

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-11 23:53:13 UTC
From: n2tnk@...
Topic: 11365 Message: 11367

rehashed all of my stuff and got it working

11368. Reverse SSH initiated from private IP?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-18 22:07:24 UTC
From: wd8ocs@...
Topic: 11368 Message: 11368

I have an opportunity to install a node at a high site with a free internet connection. The problem is, the node will be behind a private IP address. This will work fine for outgoing connections to reflectors, etc., but it will be impossible to SSH in from home to do upgrades, etc. I am not concerned about incoming connections from Dongles, DVAP's etc., just the ability to SSH in from home.

Many of the node/gateway SW packages available will allow you to execute a predefined script in the node's Linux box based on the info in the YourCall field in your radio. This feature works great when you need to remotely disable the repeat function or restart the Linux box from over the air.

I'm wondering if there is software available that can be launched from the command line and "reverse SSH" out to a predefined IP address, allowing the person at the remote IP to have the same access to the remote Linux box as if they had SSH in using the normal method.

If so, this would allow me to set up a script that would "reverse SSH" from the Linux box out to my IP so I could perform upgrades, etc. The script would be activated by keying my radio with the correct characters in the YourCall field, just as the repeater disable or restart commands are activated.

Any ideas?

Thanks in advance,

Chris - OCS

11369. Re: [gmsk_dv_node] Reverse SSH initiated from private IP?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-19 10:54:10 UTC
From: Pedja YT9TP
Topic: 11368 Message: 11369

On 18.2.2015. 23:07, wd8ocs@... [gmsk_dv_node] wrote:
> I'm wondering if there is software available that can be launched from
> the command line and "reverse SSH" out to a predefined IP address,
> allowing the person at the remote IP to have the same access to the
> remote Linux box as if they had SSH in using the normal method.

You can set up VPN client on that remote site and make it connect to
some accessible VPN server (possibly at your site) that would provide
you direct access via VPN.

Pedja
YT9TP

This email has been checked for viruses by Avast antivirus software.
http://www.avast.com

11370. Re: [gmsk_dv_node] Reverse SSH initiated from private IP?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-19 18:50:13 UTC
From: wd8ocs@...
Topic: 11368 Message: 11370

Pedja,

I think that will work. Thanks for the tip!

73,

Chris

11372. Re: Reverse SSH initiated from private IP?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-20 16:43:38 UTC
From: kb2jaq@...
Topic: 11368 Message: 11372

Much easier to use reverse ssh... check out the ssh manual page and see the -R section... there are plenty of ways to keep the tunnel up, such as a cron job. Google will help you.

VPN will require you to create certs. etc.. this can be done in a few commands.

Pete

11373. Raspberry Pi, G4KLX dstarrepeater, MoenComm StarBoard - firmware out of date?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-20 17:03:10 UTC
From: robert.lee@...
Topic: 11373 Message: 11373

Hi Group,

So, I'm trying to get the G4KLX dstarrepeater/ircddb on a Raspberry Pi version B going with a MoenComm StarBoard. It looks like dstarrepeater doesn't like the StarBoard firmware. This is from the dstarrepeater log file:

```
I: 2015-02-20 16:30:17: Modem type set to "GMSK Modem"
I: 2015-02-20 16:30:17: GMSK, interface: 0, address: 0300
I: 2015-02-20 16:30:17: Found the GMSK Modem with address: 0x0300
I: 2015-02-20 16:30:17: Firmware version: DUTCH*Star HSA V0.1.00F HSFIX
W: 2015-02-20 16:30:17: This modem firmware is not supported by the repeater
W: 2015-02-20 16:30:17: Please upgrade to a newer version
E: 2015-02-20 16:30:17: Cannot open the D-Star modem
```

As a sanity check, the following is dmesg from the Raspberry. The Pi definitely sees the StarBoard:

```
[ 1251.403206] usb 1-1.3: Product: DUTCH*Star HSA V.1
[ 1251.403227] usb 1-1.3: Manufacturer: MicroWalt Corporation
[ 1517.070481] usb 1-1.3: USB disconnect, device number 6
[ 3776.299636] usb 1-1.3: new full-speed USB device number 7 using dwc_otg
[ 3776.417715] usb 1-1.3: New USB device found, idVendor=04d8, idProduct=0300
[ 3776.417789] usb 1-1.3: New USB device strings: Mfr=1, Product=2, SerialNumber=0
[ 3776.417810] usb 1-1.3: Product: DUTCH*Star HSA V.1
[ 3776.417826] usb 1-1.3: Manufacturer: MicroWalt Corporation
```

Version V0.1.00F does seem to be the latest available for the StarBoard. Any ideas?

By the way, I do know the hardware itself works fine. I've been driving the board with a Windows laptop running WinDV (and a FT-817.) That works. I'd like to switch to the Raspberry so as to free up the laptop.

Thanks,
Robert

11374. Re: [gmsk_dv_node] Raspberry Pi, G4KLX dstarrepeater, MoenComm StarBoard - firmware out of date?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-20 17:22:46 UTC
From: Dave Webb KB1PVH
Topic: 11373 Message: 11374

Robert,

You need the Beta firmware for the board. You can request it through the Dutch-Star website.

Dave-KB1PVH

11375. Re: [gmsk_dv_node] Raspberry Pi, G4KLX dstarrepeater, MoenComm StarBoard - firmware out of date?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-20 19:35:12 UTC
From: robert.lee@...
Topic: 11373 Message: 11375

Hi Dave,

Okay, I'll give that a try.

Thanks,
Robert

11376. Re: D-STAR modem and Simoco PRF10 repeater , how?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-22 16:29:02 UTC
From: george.smart1@...
Topic: 8405 Message: 11376

Sorry to revive an old thread. Does anyone have the information of where to inject the GMSK signals into (and retrieve out of) the PRF1060 repeater? I know the PRF1050 is easier, but I don't have one of those ;)

Can I use the strip of while connectors along the inside, or do I need to tack on to test points with wires?

Ideally, I'd like to read signals out of the PRF1060 too, such as TX Locked, TX Alarm, RX Locked, etc?

Any help greatly appreciated.

George M1GEO (building GB7KH at http://www.gb7kh.co.uk)

11377. Re: D-STAR modem and Simoco PRF10 repeater , how?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-23 18:40:17 UTC
From: rob@...
Topic: 8405 Message: 11377

I sent you the info George. The points are on the diagrams.

As are the components you will need to add to the board in the case of the tx injection point.

Vy 73
Rob
M0ZPU

11378. Re: D-STAR modem and Simoco PRF10 repeater , how?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-24 17:22:55 UTC
From: George Smart
Topic: 8405 Message: 11378

Got those Rob.

I was just wondering how the 37W connector on the back fits into the motherboard, if indeed it does - is the board different from the PRF1050? I had figured the white connectors along the middle would be the key? Just to save me putting wires on the tops of resistors - never seems the ideal solution.

Once again, thanks for the email.

George M1GEO.

--
George Smart, M1GEO.

Website: http://www.george-smart.co.uk/
http://www.gb7kh.co.uk/

11379. trade id-31 and dvmegapi radio uhf

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-24 20:44:27 UTC
From: ea8ee
Topic: 11379 Message: 11379
Attachments: 2 described; binary payloads are missing from this source WARC

id-31 sell perfectly good and two dvmegapi radio uhf
http://84.232.6.94/XRF007_status.html

11380. Disabling driver enforcement on touch-only Win8.1 tablet?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-25 19:52:12 UTC
From: J. M. Moen
Topic: 11380 Message: 11380

Having read a post by John Hays K7VE, I have acquired a WinBook Win8.1 tablet from Micro Center. Normally $90, it is currently on sale for $59 plus shipping.

See http://www.microcenter.com/product/439773/TW700_Tablet_-_Black

I have installed WinDV, several G4KLX apps, and the new StarDV app by Rick Schnicker KD0OSS – which is used by the about to be launched Star*DV AMBE3000 dongle.

All has gone well, but now I want to install the DUTCH*Star NATools app and have run into a problem.

Note -- Many of the Windows Control Panel-like functions in Win8.1 have been rewritten to be touch-capable. The default browser is touch-capable. Desktop apps can be used in touch mode and a soft keyboard. So I have been resisting purchase of a small keyboard for this rather nice tablet.

Anyway. To install NATools on Win8.1, the process is documented in our FAQ at http://www.gmskdvnode.info/#Windows_8 . You first install NATools without drivers, then disable signature enforcement, then install NATools again, but only drivers.

Key is temporarily disabling driver signing signature enforcement. Our FAQ directs people to http://www.howtogeek.com/167723/how-to-disable-driver-signature-verification-on-64-bit-windows-8.1-so-that-you-can-install-unsigned-drivers/ which also applies to 32 bit Win8.1 like the one on the WinBook.

I have followed the process until I get to the key window called Startup Settings. Here I am told to hit F7 or enter the number 7 on the keyboard. But unlike desktop applications that allow use of the soft keyboard, this system settings app does not support touch or soft keyboards. I have not yet found an article showing a workaround.

Yes, I know there are inexpensive keyboards available, but I am stubborn and am trying to use touch for everything. Until this problem, I’ve been able to, without problems.

Does anyone know how to disable driver signing signature enforcement on a Win8.1 touch-only tablet?

Jim – K6JM

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11381. Re: [gmsk_dv_node] Disabling driver enforcement on touch-only Win8.1 tablet?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-25 20:54:17 UTC
From: Dave
Topic: 11380 Message: 11381

J.M.
I think the TW700 (I just bought one as well) uses 32 bit Windows
8.1. So, may not enforce the signing.

Dave - WB6DHW
<http://wb6dhw.com>

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>
> ,_.-._,___
>
>

11382. RE: [gmsk_dv_node] Disabling driver enforcement on touch-only Win8.1 tablet?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-26 00:09:42 UTC
From: J. M. Moen
Topic: 11380 Message: 11382

Yes, the WinBook's systems page says it is 32 bit Windows on a 64 bit architecture.

The driver signing enforcement applies to both 32 and 64 bit Windows 8 and 8.1. It is relatively easy to disable if you have a keyboard. My problem is I am obstinate and am trying to use this tablet without a keyboard, using only the touch interface. Up until now, that has worked well. Win8.1 allows traditional desktop apps to use the simulated mouse (1-tap, double-tap, tap and hold) and soft keyboard, as well as new systems apps designed for Touch. This particular systems app does neither. I am hoping someone out there knows of a workaround to simulate the keyboard when using this settings page that does not support touch.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, February 25, 2015 12:54 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Disabling driver enforcement on touch-only Win8.1 tablet?

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11383. help using dvap with CONDV console version for windows

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-26 11:14:43 UTC
From: ve1dnr@...
Topic: 11383 Message: 11383

Hello, I am wondering if someone can tell me what the proper text parameters are for my hotspot.ini file for using a dvap. I know I have to put dvap for the device name(driver). I am a little confused what I need to type in the device line. When I run CONDV for windows the dvap works using comport 6. But now that I am using CONDV console mode I am a little confused. Any help would be appreciated. My GMSK board works fine using device name :Node and device:0300. I would just like to experiment with my dvap.
Thanks
Mike

11384. Re: Disabling driver enforcement on touch-only Win8.1 tablet?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-26 14:28:53 UTC
From: af9w@...
Topic: 11380 Message: 11384

If you install Teamviewer on the TW700 you can acess it remotely from another computer and you don't need to buy a keyboard and the keyboard functions work. This got me around some similar but different problems setting up my TW700 as an APRS client.

11385. RE: [gmsk_dv_node] Disabling driver enforcement on touch-only Win8.1 tablet?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-26 15:40:51 UTC
From: Matthew Pitts
Topic: 11380 Message: 11385

Jim,

For as long as Windows 8 has been out, I would think there would be a work around for this posted by now if there was one. You can't be the first person to want to use an unsigned driver on one of these tablet computers.

Matthew Pitts
N8OHU

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> Jim – K6JM
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>From: gmsk_dv_node@yahoogroups.com
>[mailto:gmsk_dv_node@yahoogroups.com]
>Sent: Wednesday, February 25, 2015 12:54 PM
>To: gmsk_dv_node@yahoogroups.com
>Subject: Re: [gmsk_dv_node] Disabling driver enforcement on touch-only
>Win8.1 tablet?
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>stubborn and am trying to use touch for everything. Until this
>problem, I’ve been able to, without problems.
>Does anyone know how to disable driver signing signature enforcement on
>a Win8.1 touch-only tablet?

--
Sent from my Moto X with K-9 Mail. Please excuse my brevity.

11386. RE: [gmsk_dv_node] help using dvap with CONDV console version for windows

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-26 17:42:49 UTC
From: Fred PA4YBR
Topic: 11383 Message: 11386

This is what I use for mine:

```
# Configure an RF port.
PORT
Name = "module_c"
Debug = 0
Module = C
Restart = True

Beacon = "QRV 144.950"
Access = "repeater_C.acl"
Driver = DVAP
Device = "com9"
Freq = 144.950
END
```

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, February 26, 2015 6:15 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] help using dvap with CONDV console version for windows

Hello, I am wondering if someone can tell me what the proper text parameters are for my hotspot.ini file for using a dvap. I know I have to put dvap for the device name(driver). I am a little confused what I need to type in the device line. When I run CONDV for windows the dvap works using comport 6. But now that I am using CONDV console mode I am a little confused. Any help would be appreciated. My GMSK board works fine using device name :Node and device:0300. I would just like to experiment with my dvap.

Thanks

Mike

11387. RE: [gmsk_dv_node] help using dvap with CONDV console version for windows

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-26 18:14:59 UTC
From: ve1dnr@...
Topic: 11383 Message: 11387

Thanks Fred, im getting a little farther that's for sure. I am now getting
DVAP: unable to set modulation type:com6 standard serial port.
Any suggestions??
Thanks
Mike

11388. RE: [gmsk_dv_node] help using dvap with CONDV console version for windows

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-26 18:19:29 UTC
From: Fred PA4YBR
Topic: 11383 Message: 11388

Yes, looks like you have not installed the (correct) FTDI driver
for it, that usually generates such errors. You mentioned that
it runs fine on the same computer with WinDV ?

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, February 26, 2015 1:15 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] help using dvap with CONDV console version for
windows

Thanks Fred, im getting a little farther that's for sure. I am now getting

DVAP: unable to set modulation type:com6 standard serial port.

Any suggestions??

Thanks

Mike

11389. Re: help using dvap with CONDV console version for windows

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-26 18:57:45 UTC
From: ve1dnr@...
Topic: 11383 Message: 11389

yes Fred, it works fine withWINDV on the same computer.

11390. RE: [gmsk_dv_node] Disabling driver enforcement on touch-only Win8.1 tablet?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-26 19:16:41 UTC
From: J. M. Moen
Topic: 11380 Message: 11390

Mathew,

I agree, if there were an official solution, it would be out there by now.

I have concluded that Bob AF9W's Teamviewer solution (or similar remote control software) is the way to go. I use VNC clients all the time to get into Linux boxes running VNC Servers.

I suppose the other approach is just to buy a BT keyboard to be used in situations like this. They are not expensive. I was just trying to see if anyone had found another way. Guess not.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, February 26, 2015 7:41 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Disabling driver enforcement on touch-only Win8.1 tablet?

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Sent: Wednesday, February 25, 2015 12:54 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Disabling driver enforcement on touch-only Win8.1 tablet?

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11391. RE: [gmsk_dv_node] Disabling driver enforcement on touch-only Win8.1 tablet?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-26 19:59:10 UTC
From: Fred PA4YBR
Topic: 11380 Message: 11391

The real solution, obviously, is to sign the driver stuff.

Anyone have experience with going through that process with M$?

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
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11392. RE: [gmsk_dv_node] Re: help using dvap with CONDV console version for windows

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-26 20:00:56 UTC
From: Fred PA4YBR
Topic: 11383 Message: 11392

Contact me off-list, something must be wrong here...

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, February 26, 2015 1:58 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: help using dvap with CONDV console version for windows

yes Fred, it works fine withWINDV on the same computer.

11393. Re: [gmsk_dv_node] Disabling driver enforcement on touch-only Win8.1 tablet?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-26 20:31:28 UTC
From: Matthew Pitts
Topic: 11380 Message: 11393

Fred,
I'm not aware of any hams that have, since in most cases they are simply editing and distributing a modified Microsoft driver information file so that their device, which is built to use a Microsoft supplied driver, won't appear as a "generic" hardware device. It's likely the same with any smaller business that develops hardware that is supported on more than one platform by native drivers; if they looked into it, they probably didn't feel it was worth the cost for them.
Matthew PittsN8OHU

From: "'Fred PA4YBR' fred@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Thursday, February 26, 2015 2:59 PM
Subject: RE: [gmsk_dv_node] Disabling driver enforcement on touch-only Win8.1 tablet?

The real solution, obviously, is to sign the driver stuff. Anyone have experience with going through that process with M$? --fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, February 26, 2015 2:17 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Disabling driver enforcement on touch-only Win8.1 tablet?

Mathew,I agree, if there were an official solution, it would be out there by now.I have concluded that Bob AF9W's Teamviewer solution (or similar remote control software) is the way to go. I use VNC clients all the time to get into Linux boxes running VNC Servers.I suppose the other approach is just to buy a BT keyboard to be used in situations like this. They are not expensive. I was just trying to see if anyone had found another way. Guess not. Jim – K6JMFrom: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, February 26, 2015 7:41 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Disabling driver enforcement on touch-only Win8.1 tablet?
Jim,

For as long as Windows 8 has been out, I would think there would be a work around for this posted by now if there was one. You can't be the first person to want to use an unsigned driver on one of these tablet computers.

Matthew Pitts
N8OHU On February 25, 2015 7:09:42 PM EST, "'J. M. Moen' jim@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote: Yes, the WinBook's systems page says it is 32 bit Windows on a 64 bit architecture.The driver signing enforcement applies to both 32 and 64 bit Windows 8 and 8.1. It is relatively easy to disable if you have a keyboard. My problem is I am obstinate and am trying to use this tablet without a keyboard, using only the touch interface. Up until now, that has worked well. Win8.1 allows traditional desktop

apps to use the simulated mouse (1-tap, double-tap, tap and hold) and soft keyboard, as well as new systems apps designed for Touch. This particular systems app does neither. I am hoping someone out there knows of a workaround to simulate the keyboard when using this settings page that does not support touch. Jim – K6JMFrom: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, February 25, 2015 12:54 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Disabling driver enforcement on touch-only Win8.1 tablet?
J.M.
  I think the TW700 (I just bought one as well) uses 32 bit Windows 8.1. So, may not enforce the signing.

Dave - WB6DHW
<http://wb6dhw.com>

On 2/25/2015 11:52 AM, 'J. M. Moen' jim@... [gmsk_dv_node] wrote: Having read a post by John Hays K7VE, I have acquired a WinBook Win8.1 tablet from Micro Center. Normally $90, it is currently on sale for $59 plus shipping. See http://www.microcenter.com/product/439773/TW700_Tablet_-_Black I have installed WinDV, several G4KLX apps, and the new StarDV app by Rick Schnicker KD0OSS – which is used by the about to be launched Star*DV AMBE3000 dongle. All has gone well, but now I want to install the DUTCH*Star NATools app and have run into a problem. Note -- Many of the Windows Control Panel-like functions in Win8.1 have been rewritten to be touch-capable. The default browser is touch-capable. Desktop apps can be used in touch mode and a soft keyboard. So I have been resisting purchase of a small keyboard for this rather nice tablet. Anyway. To install NATools on Win8.1, the process is documented in our FAQ at http://www.gmskdvnode.info/#Windows_8 . You first install NATools without drivers, then disable signature enforcement, then install NATools again, but only drivers. Key is temporarily disabling driver signing signature enforcement. Our FAQ directs people to htt p://www.howtogeek.com/167723/how-to-disable-driver-signature-verification-on-64-bit-window s-8.1-so-that-you-can-install-unsigned-drivers/ which also applies to 32 bit Win8.1 like the one on the WinBook. I have followed the process until I get to the key window called Startup Settings. Here I am told to hit F7 or enter the number 7 on the keyboard. But unlike desktop applications that allow use of the soft keyboard, this system settings app does not support touch or soft keyboards. I have not yet found an article showing a workaround. Yes, I know there are inexpensive keyboards available, but I am stubborn and am trying to use touch for everything. Until this problem, I’ve been able to, without problems. Does anyone know how to disable driver signing signature enforcement on a Win8.1 touch-only tablet?
--
Sent from my Moto X with K-9 Mail. Please excuse my brevity.

11394. Re: [gmsk_dv_node] Disabling driver enforcement on touch-only Win8.1 tablet?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-26 20:52:06 UTC
From: Jeffrey Johnson
Topic: 11380 Message: 11394

I installed NAtools on the TW800 and it asked me if I was sure I wanted to install a unsigned driver with or with out driver enforcement on. The only issue I had was dstarrepeater and the win driver I had to use LibUSB driver from NAtools.
See [pcrepeatercontroller] Dstarrepeater Windows 8.1 with dvap problem
I was not the one with the dvap problem.

Jeffrey KF5HKI

Having read a post by John Hays K7VE, I have acquired a WinBook Win8.1 tablet from Micro Center. Normally $90, it is currently on sale for $59 plus shipping.

See http://www.microcenter.com/product/439773/TW700_Tablet_-_Black

I have installed WinDV, several G4KLX apps, and the new StarDV app by Rick Schnicker KD0OSS – which is used by the about to be launched Star*DV AMBE3000 dongle.

All has gone well, but now I want to install the DUTCH*Star NATools app and have run into a problem.

Note -- Many of the Windows Control Panel-like functions in Win8.1 have been rewritten to be touch-capable. The default browser is touch-capable. Desktop apps can be used in touch mode and a soft keyboard. So I have been resisting purchase of a small keyboard for this rather nice tablet.

Anyway. To install NATools on Win8.1, the process is documented in our FAQ at http://www.gmskdvnode.info/#Windows_8 . You first install NATools without drivers, then disable signature enforcement, then install NATools again, but only drivers.

Key is temporarily disabling driver signing signature enforcement. Our FAQ directs people to
http://www.howtogeek.com/167723/how-to-disable-driver-signature-verification-on-64-bit-windows-8.1-so-that-you-can-install-unsigned-drivers/
which also applies to 32 bit Win8.1 like the one on the WinBook.

I have followed the process until I get to the key window called Startup Settings. Here I am told to hit F7 or enter the number 7 on the keyboard. But unlike desktop applications that allow use of the soft keyboard, this system settings app does not support touch or soft keyboards. I have not yet found an article showing a workaround.

Yes, I know there are inexpensive keyboards available, but I am stubborn and am trying to use touch for everything. Until this problem, I’ve been

able to, without problems.

Does anyone know how to disable driver signing signature enforcement on a Win8.1 touch-only tablet?

Jim – K6JM

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11395. RE: [gmsk_dv_node] Disabling driver enforcement on touch-only Win8.1 tablet?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-26 23:32:01 UTC
From: Don Woodward
Topic: 11380 Message: 11395

I've only used the method you site but I found this online at: http://h30434.www3.hp.com/t5/Notebook-Operating-Systems-and-Software/Disable-driver-digital-signature-enforcement-Windows-8-1/td-p/3521165

Open an elevated command prompt and enter the following.

bcdedit -set loadoptions DISABLE_INTEGRITY_CHECKS

bcdedit -set TESTSIGNING ON

Restart the notebook.

To re-enable, just enter the above commands again, substituting ENABLE instead of DISABLE and OFF instead of ON

Don Woodward

KD4APP

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, February 25, 2015 7:10 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Disabling driver enforcement on touch-only Win8.1 tablet?

Yes, the WinBook's systems page says it is 32 bit Windows on a 64 bit architecture.

The driver signing enforcement applies to both 32 and 64 bit Windows 8 and 8.1. It is relatively easy to disable if you have a keyboard. My problem is I am obstinate and am trying to use this tablet without a keyboard, using only the touch interface. Up until now, that has worked well. Win8.1 allows traditional desktop apps to use the simulated mouse (1-tap, double-tap, tap and hold) and soft keyboard, as well as new systems apps designed for Touch. This particular systems app does neither. I am hoping someone out there knows of a workaround to simulate the keyboard when using this settings page that does not support touch.

Jim – K6JM

From: gmsk_dv_node@...m [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, February 25, 2015 12:54 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Disabling driver enforcement on touch-only Win8.1 tablet?

J.M.
I think the TW700 (I just bought one as well) uses 32 bit Windows 8.1. So, may not enforce the signing.

Dave - WB6DHW
<http://wb6dhw.com> <http://wb6dhw.com>

On 2/25/2015 11:52 AM, 'J. M. Moen' jim@... [gmsk_dv_node] wrote:

Having read a post by John Hays K7VE, I have acquired a WinBook Win8.1 tablet from Micro Center. Normally $90, it is currently on sale for $59 plus shipping.

See <http://www.microcenter.com/product/439773/TW700_Tablet_-_Black>
http://www.microcenter.com/product/439773/TW700_Tablet_-_Black

I have installed WinDV, several G4KLX apps, and the new StarDV app by Rick Schnicker KD0OSS – which is used by the about to be launched Star*DV AMBE3000 dongle.

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Does anyone know how to disable driver signing signature enforcement on a Win8.1 touch-only tablet?

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2015.0.5645 / Virus Database: 4299/9179 - Release Date: 02/25/15

11396. Re: D-STAR modem and Simoco PRF10 repeater , how?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-27 00:12:39 UTC
From: rob@...
Topic: 8405 Message: 11396

You have a 1050 with a 37W D on the back. I thought you had a 1060, which only has the 4 wire line connection.

For what you want to do, I would use the mods that I sent you. You can connect to the 37W D, but for "purity" I'd go hard wired for a data TX/RX setup.

It just makes sure there's nothing in the way of your data either in or out.

GB7PT is a 9K6 FSK regenerative data repeater, it is modded in that way. The lines for the TX and RX audio paths are fed to the points as mentioned in the docs but connected to the 37W D on the back for easy interfacing.

Regards

Rob
M0ZPU

11397. RE: [gmsk_dv_node] Disabling driver enforcement on touch-only Win8.1 tablet?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-27 00:24:23 UTC
From: J. M. Moen
Topic: 11380 Message: 11397

It’s looking like I should have followed up on the very first comment, from Dave WB6DHW, who asked if driver signing was being enforced on 32 bit Win8.1, which is what runs on the WinBook.

I had read that it was, so I did not test it. But Jeffrey KF5HKI reported his Win8.1 simply prompted if he wanted to continue with the install of the unsigned driver, so it worked for him.

My main Windows PC runs Win7, and the WinBook is my first Win8.1 PC. So I have just believed other articles that said Win8.1 now requires drivers to be signed, unless you disable driver signing enforcement. It was stupid of me to believe all that.

With egg on my face, I can report that I did what Jeffrey did, answered the prompt, and was able to complete installation of the GMSK Modem driver as part of the NATools install. NAWinCFG and NAWinTest work just fine on the WinBook, as does WinDV.

Obviously my searches did not find authoritative answers and I should have just tried it. I will update the FAQ at http://www.gmskdvnode.info/ .

I also don’t know if I was allowed to install because it is 32 bit Win8.1, or because of this particular driver, or what. I have learned more (than I really wanted to know) about Windows drivers. I found one article that explained using the bcdedit commands, but the article I read wanted me to then reboot and hit F8 as it rebooted, which I cannot do without a keypad. The article quoted by Don KD4APP is better than the one I found.

I also learned that Windows has classes of drivers and some require signing, and some may not. Also, there are flags that may be set that influence whether a particular driver must be signed in order to be installed. These are for security reasons, of course, but I kind of wish they would leave it in the users’ hands to decide whether to take the risk. I even found a free utility that allows you to generate virtual certificates to bypass this problem.

I guess, to quote Shakespheare, “All’s well that ends well.” He wrote that over 400 years ago….

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, February 26, 2015 3:32 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Disabling driver enforcement on touch-only Win8.1 tablet?
I’ve only used the method you site but I found this online at: http://h30434.www3.hp.com/t5/Notebook-Operating-Systems-and-Software/Disable-driver-digital-signature-enforcement-Windows-8-1/td-p/3521165
Open an elevated command prompt and enter the following.
bcdedit -set loadoptions DISABLE_INTEGRITY_CHECKS

bcdedit -set TESTSIGNING ON
Restart the notebook.
To re-enable, just enter the above commands again, substituting ENABLE instead of DISABLE and OFF instead of ON
Don Woodward
KD4APP
From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, February 25, 2015 7:10 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Disabling driver enforcement on touch-only Win8.1 tablet?
Yes, the WinBook's systems page says it is 32 bit Windows on a 64 bit architecture.
The driver signing enforcement applies to both 32 and 64 bit Windows 8 and 8.1. It is relatively easy to disable if you have a keyboard. My problem is I am obstinate and am trying to use this tablet without a keyboard, using only the touch interface. Up until now, that has worked well. Win8.1 allows traditional desktop apps to use the simulated mouse (1-tap, double-tap, tap and hold) and soft keyboard, as well as new systems apps designed for Touch. This particular systems app does neither. I am hoping someone out there knows of a workaround to simulate the keyboard when using this settings page that does not support touch.
Jim – K6JM
From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, February 25, 2015 12:54 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Disabling driver enforcement on touch-only Win8.1 tablet?
J.M.
I think the TW700 (I just bought one as well) uses 32 bit Windows 8.1. So, may not enforce the signing.
Dave - WB6DHW
<http://wb6dhw.com> <http://wb6dhw.com>

11398. Re: [gmsk_dv_node] Re: help using dvap with CONDV console version for windows

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-02-27 08:59:49 UTC
From: mike macdougall
Topic: 11383 Message: 11398

Hi Fred, I downloaded a new FTDI driver and all is working now, thank you for pointing me in the right direction. The DVAP is now working with CONDV but when I get a inbound connection the connected station can hear me no issues but I cant hear him. But if we both connect to another node we can QSO with no issues. any suggestionsThanksMike

On Thursday, February 26, 2015 4:02 PM, "'Fred PA4YBR' fred@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

  Contact me off-list, something must be wrong here... --fred
From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, February 26, 2015 1:58 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: help using dvap with CONDV console version for windows

  yes Fred, it works fine withWINDV on the same computer.

11399. Re: DVAP amplifier

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-04 16:10:14 UTC
From: w8nsi@...
Topic: 9342 Message: 11399

I am investigating the cost of parts. I can not believe that no one has actually built something like this to extend the range of a DVAP.

11400. Re: [gmsk_dv_node] Re: DVAP amplifier

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-04 16:19:38 UTC
From: Alex Hartman
Topic: 9342 Message: 11400

Mini-circuits makes amplifiers, they're semi-low-power, around 3-5w, but it's better than the 10mW you have.

They pop up on fleabay from time to time for around 100 bucks.

--
Alex Hartman

On Wed, Mar 4, 2015 at 10:10 AM, w8nsi@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

>
>
> I am investigating the cost of parts. I can not believe that no one has
> actually built something like this to extend the range of a DVAP.
>
>

11401. Re: [gmsk_dv_node] Re: DVAP amplifier

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-04 16:26:26 UTC
From: Jesse Lindley
Topic: 9342 Message: 11401

I've been told by others that the tx on the dvap has a lot of phase noise, and wouldn't be friendly to others on the band if amped.

It's not something I've researched so I could be totally off base.

K4AX

On Mar 4, 2015 11:10 AM, "w8nsi@hotmail.com [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

I am investigating the cost of parts. I can not believe that no one has actually built something like this to extend the range of a DVAP.

11402. Re: [gmsk_dv_node] Re: DVAP amplifier

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-04 16:53:47 UTC
From: Kk4mei
Topic: 9342 Message: 11402

Why not just build a hot spot using a star board and get up to 50w or as low as 1w it's cheap and easy.

Sent from my iPhone

> On Mar 4, 2015, at 11:10 AM, "w8nsi@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:
>
> I am investigating the cost of parts. I can not believe that no one has actually built something like this to extend the range of a DVAP.
>
>

11403. Re: [gmsk_dv_node] Re: DVAP amplifier

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-04 17:10:19 UTC
From: chipmckcmo@...
Topic: 9342 Message: 11403

and it works great. I put one together and I get up to 10 miles depending on the terain

In a message dated 3/4/2015 10:53:54 A.M. Central Standard Time, gmsk_dv_node@yahoogroups.com writes:

Why not just build a hot spot using a star board and get up to 50w or as low as 1w it's cheap and easy.

Sent from my iPhone

On Mar 4, 2015, at 11:10 AM, "_w8nsi@hotmail.com_ (mailto:w8nsi@...) [gmsk_dv_node]" <_gmsk_dv_node@yahoogroups.com_ (mailto:gmsk_dv_node@yahoogroups.com) > wrote:

I am investigating the cost of parts. I can not believe that no one has actually built something like this to extend the range of a DVAP.

11404. Motorola Spectra Radio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-04 21:07:37 UTC
From: Ronnie King, K4RLK
Topic: 11404 Message: 11404

Has anyone used a Spectra as the radio for a hot spot? If so, could you provide wiring diagrams for the connection from radio to node adapter??

Thanks in advance.

Ronnie King

11405. DVAP vs DV MEGA Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-05 18:35:25 UTC
From: scott.manthe@...
Topic: 11405 Message: 11405

Hi to the group!

I'm considering picking up either a DVAP or one of the DV MEGA Hotspots with a RaspberryPi attached. Id there any benefit to going with one over the other, beyond the fact that the DV MEGA is a standalone unit, vs needing a computer for the DVAP? I don't forsee taking it out into the filed all that much, but it might be fun to do so. I'm not a Linux guy (OSX here), so I'm not entirely comfortable in the environment, but I'm sure I could slog my way around.

I guess my question is there enough of a benefit to the DV MEGA to overcome the fact that I've used the DVAP before and have some experience with the interface? The DVAP would actually be as bit cheaper vs the DV MEGA with the RasPi. Thanks in advance!!

73,
Scott, N9AA

11406. Re: DVAP vs DV MEGA Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-05 20:46:08 UTC
From: mrmingsiu@...
Topic: 11405 Message: 11406

I had this same question a few months ago. I asked for some people to voice their opinion and this one made up my mind for me.

to summarize he said that a DVAP for the first device over the DV MEGA and other such solutions would be better. Reason was that with a DVAP has a usb interface that you could plug it into a raspberry pi to run as a hotspot and still use it with a laptop.

I took has word for it and went with the DVAP.

today I found that the DVAP on a laptop running WinDV works really well when listen to nets. I can see a lot of information on the screen with the participants as they keyup. Changing reflectors are simple clicks once you setup your favorites.

I use the DVAP with the raspberry pi in the car when I'm mobile as a hotspot.

I just ordered a winbook 802 (99.00) to run my DVAP to see how that works out. People are running the winbook 700 (60.00) with their DVAP with good results.

I consider my decision to by the DVAP a good one. With one device I'm able to try a few different things.

I also use a Mac. I run windows 7 in a virtual machine (Parellels) to get some of the stuff going. It works great.

11407. Re: [gmsk_dv_node] Re: DVAP vs DV MEGA Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-05 21:13:23 UTC
From: brian
Topic: 11405 Message: 11407

While what you say regarding the DVAP and computer is true. I feel it should also be pionted out that the DV-MEGA provides a dual-band option, is more compact, doesn't suffer the occasional lock-ups when used with R-Pi and is less expensive. Brian Sent from Samsung Mobile

-------- Original message --------
From: "mrmingsiu@yahoo.com [gmsk_dv_node]"
Date:05/03/2015 20:46 (GMT+00:00)
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: DVAP vs DV MEGA Hotspot

I had this same question a few months ago. I asked for some people to voice their opinion and this one made up my mind for me. to summarize he said that a DVAP for the first device over the DV MEGA and other such solutions would be better. Reason was that with a DVAP has a usb interface that you could plug it into a raspberry pi to run as a hotspot and still use it with a laptop. I took has word for it and went with the DVAP. today I found that the DVAP on a laptop running WinDV works really well when listen to nets. I can see a lot of information on the screen with the participants as they keyup. Changing reflectors are simple clicks once you setup your favorites. I use the DVAP with the raspberry pi in the car when I'm mobile as a hotspot. I just ordered a winbook 802 (99.00) to run my DVAP to see how that works out. People are running the winbook 700 (60.00) with their DVAP with good results. I consider my decision to by the DVAP a good one. With one device I'm able to try a few different things. I also use a Mac. I run windows 7 in a virtual machine (Parellels) to get some of the stuff going. It works great.

11408. Re: [gmsk_dv_node] Re: DVAP vs DV MEGA Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-05 21:39:27 UTC
From: Robert Copelan
Topic: 11405 Message: 11408

I agree with Brian that the dual band DVMega is more versatile and
compact. If you want the USB interface in order to be flexible then get
the 2 meter DVMega and pair it with an Arudinio. Still less cost unless
the prices have changed.
Robert

On Thu, Mar 5, 2015 at 4:13 PM, brian brian@....uk [gmsk_dv_node] <
gmsk_dv_node@yahoogroups.com> wrote:

>
>
> While what you say regarding the DVAP and computer is true.
>
> I feel it should also be pionted out that the DV-MEGA provides a dual-band
> option, is more compact, doesn't suffer the occasional lock-ups when used
> with R-Pi and is less expensive.
>
> Brian
>
>
> Sent from Samsung Mobile
>
>
> -------- Original message --------
> From: "mrmingsiu@... [gmsk_dv_node]"
> Date:05/03/2015 20:46 (GMT+00:00)
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Re: DVAP vs DV MEGA Hotspot
>
>
>
> I had this same question a few months ago. I asked for some people to
> voice their opinion and this one made up my mind for me.
>
> to summarize he said that a DVAP for the first device over the DV MEGA and
> other such solutions would be better. Reason was that with a DVAP has a
> usb interface that you could plug it into a raspberry pi to run as a
> hotspot and still use it with a laptop.
>
> I took has word for it and went with the DVAP.
>
> today I found that the DVAP on a laptop running WinDV works really well
> when listen to nets. I can see a lot of information on the screen with the
> participants as they keyup. Changing reflectors are simple clicks once you
> setup your favorites.

>
> I use the DVAP with the raspberry pi in the car when I'm mobile as a
> hotspot.
>
> I just ordered a winbook 802 (99.00) to run my DVAP to see how that works
> out. People are running the winbook 700 (60.00) with their DVAP with good
> results.
>
> I consider my decision to by the DVAP a good one. With one device I'm able
> to try a few different things.
>
>
> I also use a Mac. I run windows 7 in a virtual machine (Parellels) to get
> some of the stuff going. It works great.
>
>
>
>
>
>
>

11409. Re: [gmsk_dv_node] DVAP vs DV MEGA Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-05 23:03:02 UTC
From: Steve Sharp
Topic: 11405 Message: 11409

G’day Scott,

I went with the DV Mega RPi 70cm radio as a hotspot and am more than happy with the result.

No problem with the Pi, it just sits on the shelf powered up ready to go, day after day and week after week with no lockups, biggest problem is me remembering the DTMF commands!

I also see that a dual band DV Mega radio for the Pi is now available, nice to have a choice of 2m or 70cm.

73 Steve VK2ARS
From: mailto:gmsk_dv_node@yahoogroups.com
Sent: Friday, March 06, 2015 5:35 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] DVAP vs DV MEGA Hotspot

Hi to the group!

I'm considering picking up either a DVAP or one of the DV MEGA Hotspots with a RaspberryPi attached. Id there any benefit to going with one over the other, beyond the fact that the DV MEGA is a standalone unit, vs needing a computer for the DVAP? I don't forsee taking it out into the filed all that much, but it might be fun to do so. I'm not a Linux guy (OSX here), so I'm not entirely comfortable in the environment, but I'm sure I could slog my way around.

I guess my question is there enough of a benefit to the DV MEGA to overcome the fact that I've used the DVAP before and have some experience with the interface? The DVAP would actually be as bit cheaper vs the DV MEGA with the RasPi. Thanks in advance!!

73,
Scott, N9AA

11410. Re: DVAP amplifier

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-06 13:34:40 UTC
From: w8nsi@...
Topic: 9342 Message: 11410

Thanks for the info Chris. I am still quite new to D-Star so could you point me to a source for a star board as you call it? That sounds like it's exactly what I want to set up.

73 de w8nsi/nnn0uzw jim

11411. Re: DVAP amplifier

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-06 13:55:11 UTC
From: w8nsi@...
Topic: 9342 Message: 11411

Never mind about my inquiry about the star board... some googling around got me the info about the MoenComm Star*Board product. Any recommendations for a good (inexpensive) vhf rig with the 9600 baud data port to build the hotspot?

73 de w8nsi/nnn0uzw jim

11412. Re: [gmsk_dv_node] Re: DVAP amplifier

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-06 14:01:10 UTC
From: chipmckcmo@...
Topic: 9342 Message: 11412

I use an old Motorola but from what I hear, most any radio with a 9 pin connector on it will work. Be sure to include a fan to keep the radio cool. It got hotter than I thought it would. A 4 inch muffin fan and a temp. sensitive switch on the radio heat sink does the job. The Dutchstar software products are free, work great and are pretty simple to set up. In an hour or so you can have a nice hot spot up and running.

In a message dated 3/6/2015 7:55:14 A.M. Central Standard Time, gmsk_dv_node@yahoogroups.com writes:

Never mind about my inquiry about the star board... some googling around got me the info about the MoenComm Star*Board product. Any recommendations for a good (inexpensive) vhf rig with the 9600 baud data port to build the hotspot?

73 de w8nsi/nnn0uzw jim

11413. Re: [gmsk_dv_node] DVAP vs DV MEGA Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-11 00:10:50 UTC
From: johnston.dixon@...
Topic: 11405 Message: 11413

The below url may be of use for DTMF
DStar101 http://www.dstar101.com/DTMF.htm
I use the commands and the alapha/numeric info printed double sided and laminated on business sized card, I keep one in car home etc.

Johnston
GI0BFO

DStar101 http://www.dstar101.com/DTMF.htm DStar, DSTAR, dstar, How to, tutorials, 101

View on www.dstar101.com http://www.dstar101.com/DTMF.htm
Preview by Yahoo

11414. RE: [gmsk_dv_node] DVAP vs DV MEGA Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-11 03:56:17 UTC
From: J. M. Moen
Topic: 11405 Message: 11414

Good links. Thanks for posting.

The user guide for the ircDDBGateway program lists the DTMF sequences for CCS commands. I still have a 91AD with DTMF keys and use those DTMF commands all the time.

When I got my 51A, I first programmed in a few DTMF sequences and hit the appropriate keys to send them, but I found it was easier just to program in memories with the appropriate URCall values. So, to link to CCS number 1234, I just switch to the memory with URCall of CCS1234 and hit PTT. I give that memory a meaningful name, like LnkW1ABC. When done, I switch back to the normal QSO memory, which in my case has CQCQCQ in it. DR Mode users do this a little differently, but the end result is the same.

For those who have not investigated CCS, I'll just say it will be worth your time to look into it. It is especially nice if you have certain friends you like to link to directly, particularly if they may use different ircDDB-enabled repeaters during their travels. CCS uses Callsign routing, but implemented the way ICOM should have done it. The person with the linked-to callsign does not need to hit a callsign capture button or otherwise change any operating methods. They just pick up the mike and talk to their caller.

Reminder: If you CCS link to someone who is using a repeater that is normally linked to a DPlus reflector, remember that it is common courtesy for the linked-to ham to DPlus unlink that repeater. This avoids reflector users having to hear just one side of the QSO.

Jim – K6JM

From: gmsk_dv_node@...m [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, March 10, 2015 5:11 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] DVAP vs DV MEGA Hotspot
The below url may be of use for DTMF
DStar101 <http://www.dstar101.com/DTMF.htm>
I use the commands and the alapha/numeric info printed double sided and laminated on business sized card, I keep one in car home etc.

Johnston
GI0BFO

Posted by: johnston.dixon@...

11415. Win Dv

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-16 00:01:33 UTC
From: johnston.dixon@...
Topic: 11415 Message: 11415

Trying to install the latest version of winDV, but the install prog is telling me that I have a later version already installed, which is not the case. Anyone had this problem, running Win XP.

Johnston GI0BFO

11416. RE: [gmsk_dv_node] Win Dv

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-18 14:20:37 UTC
From: J. M. Moen
Topic: 11415 Message: 11416

Yes, I had that happen. Turns out I had installed a version of ConDV last year, and at that time, it used the same name for version management that WinDV uses, and ConDV's number was higher than WinDV's number.

Just go to Control Panel, Programs, and uninstall ConDV. That will allow you to install the latest version of WinDV.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Sunday, March 15, 2015 5:02 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Win Dv
Trying to install the latest version of winDV, but the install prog is telling me that I have a later version already installed, which is not the case. Anyone had this problem, running Win XP.

Johnston GI0BFO

11417. Odd Issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-18 15:49:50 UTC
From: chipmckcmo@...
Topic: 11417 Message: 11417

I have an odd situation that came up yesterday and I can't figure it out. I raised my hot spot antenna and moved the equipment to another location in my home. I can do everything I could do before but my friend can no longer hear my side of any QSO. I cannot hear his audio either. He can access the hot spot for linking and unlinking but no audio. The system is obviously working because I can carry on QSOs just as before. I have reseated all cables and rebooted the Raspberry. Anything jump out at you?

Thanks in advance,

Chip

11418. RE: [gmsk_dv_node] Odd Issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-18 15:53:38 UTC
From: Woodrick, Ed
Topic: 11417 Message: 11418

A) Which radios are each of you using?

B) What signal strength does he have from your hotspot?

C) Is the HotSpot on Simple? If so, when you and he talk, you are on simplex, the HotSpot doesn’t come into play between the two of you.
It’s my guess that the signals are just too weak for you now.

Ed WA4YIH

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, March 18, 2015 11:50 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Odd Issue

I have an odd situation that came up yesterday and I can't figure it out. I raised my hot spot antenna and moved the equipment to another location in my home. I can do everything I could do before but my friend can no longer hear my side of any QSO. I cannot hear his audio either. He can access the hot spot for linking and unlinking but no audio. The system is obviously working because I can carry on QSOs just as before. I have reseated all cables and rebooted the Raspberry. Anything jump out at you?
Thanks in advance,
Chip

11419. Re: [gmsk_dv_node] Odd Issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-18 19:25:12 UTC
From: chipmckcmo@...
Topic: 11417 Message: 11419

Ed,

Motorola Radius M10 radios

from my friends perspective it is mid scale on his 880

Where is the setting for simplex/duplex. I am not sure about that. He has not heard any audio from my end. Even when I am talking while linked to a reflector.

Thanks for the insight, you may be right on the signal strength. I am able to hear the hot spot from farther than I can talk thru it.
Chip

In a message dated 3/18/2015 10:53:47 A.M. Central Daylight Time, gmsk_dv_node@yahoogroups.com writes:

A) Which radios are each of you using?
B) What signal strength does he have from your hotspot?
C) Is the HotSpot on Simple? If so, when you and he talk, you are on simplex, the HotSpot doesn’t come into play between the two of you.
It’s my guess that the signals are just too weak for you now.
Ed WA4YIH

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, March 18, 2015 11:50 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Odd Issue

I have an odd situation that came up yesterday and I can't figure it out. I raised my hot spot antenna and moved the equipment to another location in my home. I can do everything I could do before but my friend can no longer hear my side of any QSO. I cannot hear his audio either. He can access the hot spot for linking and unlinking but no audio. The system is obviously working because I can carry on QSOs just as before. I have reseated all cables and rebooted the Raspberry. Anything jump out at you?

Thanks in advance,

Chip

11420. Re: [gmsk_dv_node] Win Dv

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-18 21:44:26 UTC
From: Tony
Topic: 11415 Message: 11420

On 03/18/2015 07:20 AM, 'J. M. Moen' jim@... [gmsk_dv_node] wrote:

Yes, I had that happen. Turns out I had installed a version of ConDV last year, and at that time, it used the same name for version management that WinDV uses, and ConDV's number was higher than WinDV's number.

Just go to Control Panel, Programs, and uninstall ConDV. That will allow you to install the latest version of WinDV.

We'd very much like to get condv fully operational on a Pi B+ with gmsk_dv board, but are not yet successful with two-way comms. Outbound ethernet is apparently not working despite correct configuration. windv on a Toshiba laptop using the same board works correctly, but it's time to retire that machine due to software slowness (winXP on a slow processor) and structural failures such as broken hinges.

Communication with Mssr. Fred van Kempen has not met with any response in the past 2 months, so we hope he is well and in good health after the relocation to the United States.

Have any of you had success with condv on a Pi? If not, what other options are available, please?

11421. RE: [gmsk_dv_node] Odd Issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-19 03:07:00 UTC
From: Woodrick, Ed
Topic: 11417 Message: 11421

Is the user's radios that I was asking about. But since you are using a non-Icom repeater, it is VERY common that the system is adjusted perfectly for signal. A little tweak on the modem to radio connection may make a difference.

But before you do any of that, go for the simple, look at the signal strengths.

If it is a simplex node, when you and your friend are talking to each other, you are actually hearing each other directly, not through the node. And if you don't have a duplexer, then it's definitely running on simplex.

Ed WA4YIH

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, March 18, 2015 3:25 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Odd Issue

Ed,

Motorola Radius M10 radios

from my friends perspective it is mid scale on his 880

Where is the setting for simplex/duplex. I am not sure about that. He has not heard any audio from my end. Even when I am talking while linked to a reflector.

Thanks for the insight, you may be right on the signal strength. I am able to hear the hot spot from farther than I can talk thru it.
Chip

In a message dated 3/18/2015 10:53:47 A.M. Central Daylight Time, gmsk_dv_node@yahoogroups.com<mailto:gmsk_dv_node@yahoogroups.com> writes:

A) Which radios are each of you using?

B) What signal strength does he have from your hotspot?

C) Is the HotSpot on Simple? If so, when you and he talk, you are on simplex, the HotSpot doesn't come into play between the two of you.
It's my guess that the signals are just too weak for you now.
Ed WA4YIH
From: gmsk_dv_node@yahoogroups.com<mailto:gmsk_dv_node@yahoogroups.com>
[mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, March 18, 2015 11:50 AM
To: gmsk_dv_node@yahoogroups.com<mailto:gmsk_dv_node@yahoogroups.com>
Subject: [gmsk_dv_node] Odd Issue

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Thanks in advance,
Chip

11422. Re: [gmsk_dv_node] Odd Issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-19 03:13:53 UTC
From: chipmckcmo@...
Topic: 11417 Message: 11422

Ed,
I figured it out after a couple of posts today. We were talking to each other via simplex and I had not hooked the proper antenna back to my Icom 7100. Yesterday I did some antenna work and attached the wrong coax back to the 7100. Fixed the screw up this afternoon and now it is working pretty well.
Thanks for your input!!!
Chip

In a message dated 3/18/2015 10:07:07 P.M. Central Daylight Time, gmsk_dv_node@yahoogroups.com writes:

Is the user’s radios that I was asking about. But since you are using a non-Icom repeater, it is VERY common that the system is adjusted perfectly for signal. A little tweak on the modem to radio connection may make a difference.
But before you do any of that, go for the simple, look at the signal strengths.
If it is a simplex node, when you and your friend are talking to each other, you are actually hearing each other directly, not through the node. And if you don’t have a duplexer, then it’s definitely running on simplex.
Ed WA4YIH

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, March 18, 2015 3:25 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Odd Issue

Ed,

Motorola Radius M10 radios

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Where is the setting for simplex/duplex. I am not sure about that. He has not heard any audio from my end. Even when I am talking while linked to a reflector.

Thanks for the insight, you may be right on the signal strength. I am able to hear the hot spot from farther than I can talk thru it.

Chip

In a message dated 3/18/2015 10:53:47 A.M. Central Daylight Time, _gmsk_dv_node@yahoogroups.com_ (mailto:gmsk_dv_node@yahoogroups.com) writes:

A) Which radios are each of you using?
B) What signal strength does he have from your hotspot?
C) Is the HotSpot on Simple? If so, when you and he talk, you are on

simplex, the HotSpot doesn’t come into play between the two of you.
It’s my guess that the signals are just too weak for you now.
Ed WA4YIH

From: _gmsk_dv_node@yahoogroups.com_ (mailto:gmsk_dv_node@yahoogroups.com)
[mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, March 18, 2015 11:50 AM
To: _gmsk_dv_node@yahoogroups.com_ (mailto:gmsk_dv_node@yahoogroups.com)
Subject: [gmsk_dv_node] Odd Issue

I have an odd situation that came up yesterday and I can't figure it out. I raised my hot spot antenna and moved the equipment to another location in my home. I can do everything I could do before but my friend can no longer hear my side of any QSO. I cannot hear his audio either. He can access the hot spot for linking and unlinking but no audio. The system is obviously working because I can carry on QSOs just as before. I have reseated all cables and rebooted the Raspberry. Anything jump out at you?

Thanks in advance,

Chip

11423. WinDV version 1.5.8 Preview-2 released !

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-21 01:56:06 UTC
From: Fred KA4YBR
Topic: 11423 Message: 11423

Hi all,

Just to let everyone know that a) I am still alive, b) we
are slowly getting 'back on track' with development AND
orders, and c) that a new preview (beta) version of our
WinDV software was released to a select group of people
who either expressed an interest in testing it, and/or
those who have donated to the project.

The announcement is:

-----Original Message-----
Updated README is as follows:

Although no (RF) device is needed (in which case the program can be used as
a "monitor" to keep an eye on what is happening on the gateway you connected
to), more fun can be had if you configure the program to a supported device.
Such devices include:

- Node Adapter / Mini-Hotspot series of USB boards
- InterLabs DV Access Point (DVAP) USB transceiver devices
- InterLabs DV Dongle ("Blue Dongle") with PC Sound Card
- DV-RPTR V.1 DSP MODEM (V1 only !)
- Auria DVMEGA DualBand Radio (on Arduino, as DV-RPTR)
- NWRadio ThumbDV AMBE3000 Dongle
- Matrix StarDV AMBE3000 Digital Audio Dongle

Support for more devices, including the "PC SoundCard GMSK Modem" is
planned, depending on demand for it, and how much motivation we have to
implement it.

The DV-RPTR is supported thanks to many people who have motivated us by
paying for it. Since things have changed with this board and its developers,
we now offer it for free for the boards as sold and supported by the group
around Bruce Given in Canada. Support for the V.2 and up series has been
removed, and is no longer available!

With one of these devices configured and connected, the program will act as
a simple repeater (simplex or duplex, depending on hardware support) between
your RF device and the D-STAR network.

Changes in version 1.5.8:
* Updated to also support the ThumDV USB dongle.
* Fixed typo in LocalStation description.
* Fixed crash-bugs while sending bug reports (yes!)
* Fixed crash-bug when double-clicking GATEWAY button.
* Added "Slow Mode" for use on slow networks; this will

only load the database files and *reflector* list, not
the entire gateway list. Much faster!
* Updated support for DV-RPTR series of boards.
* Updated DV-RPTR module to support DV-MEGA DBR board.
* Major changes in internal GUI code to prepare for UI
resizing (e.g. on small-screen tablet devices) and to
prepare for transition to Qt environment.
* Updated LocalStation soundcard configuration.

but with the note that at this moment, DVRPTR support is still disabled
because we had no board to test the (many) code changes with. Those changes
were needed to lift the license requirement, and also to allow for that code
to be shared with support for Auria's DVMEGA DualBand Radio addon for the
Arduino boards. The next preview will hopefully have it enabled; I just
don't want to release un-tested code.

Enjoy, and as always, if problems happen, please use the
Help>Sendbug feature in the program WITH LOGGING ENABLED
so we can see more of what is/was going on...

Have a good weekend !

Fred
--
Fred N. van Kempen, PA4YBR <fred@...>
The DUTCH*Star Project http://www.dutch-star.eu/

11424. Re: [gmsk_dv_node] WinDV version 1.5.8 Preview-2 released !

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-21 02:14:47 UTC
From: Kenneth Grimard
Topic: 11423 Message: 11424

how does one get the new beta's. i used to get them from you fred.

ken n1dot
n1dot1@...

On 3/21/2015 1:56 AM, 'Fred KA4YBR' fred@... [gmsk_dv_node] wrote:
>
> Hi all,
>
> Just to let everyone know that a) I am still alive, b) we
> are slowly getting 'back on track' with development AND
> orders, and c) that a new preview (beta) version of our
> WinDV software was released to a select group of people
> who either expressed an interest in testing it, and/or
> those who have donated to the project.
>
> The announcement is:
>
> -----Original Message-----
> Updated README is as follows:
>
> Although no (RF) device is needed (in which case the program can be
> used as
> a "monitor" to keep an eye on what is happening on the gateway you
> connected
> to), more fun can be had if you configure the program to a supported
> device.
> Such devices include:
>
> - Node Adapter / Mini-Hotspot series of USB boards
> - InterLabs DV Access Point (DVAP) USB transceiver devices
> - InterLabs DV Dongle ("Blue Dongle") with PC Sound Card
> - DV-RPTR V.1 DSP MODEM (V1 only !)
> - Auria DVMEGA DualBand Radio (on Arduino, as DV-RPTR)
> - NWRadio ThumbDV AMBE3000 Dongle
> - Matrix StarDV AMBE3000 Digital Audio Dongle
>
> Support for more devices, including the "PC SoundCard GMSK Modem" is
> planned, depending on demand for it, and how much motivation we have to
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> The DV-RPTR is supported thanks to many people who have motivated us by
> paying for it. Since things have changed with this board and its
> developers,
> we now offer it for free for the boards as sold and supported by the group

> around Bruce Given in Canada. Support for the V.2 and up series has been
> removed, and is no longer available!
>
> With one of these devices configured and connected, the program will
> act as
> a simple repeater (simplex or duplex, depending on hardware support)
> between
> your RF device and the D-STAR network.
>
> Changes in version 1.5.8:
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> * Added "Slow Mode" for use on slow networks; this will
> only load the database files and *reflector* list, not
> the entire gateway list. Much faster!
> * Updated support for DV-RPTR series of boards.
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> * Major changes in internal GUI code to prepare for UI
> resizing (e.g. on small-screen tablet devices) and to
> prepare for transition to Qt environment.
> * Updated LocalStation soundcard configuration.
>
> but with the note that at this moment, DVRPTR support is still disabled
> because we had no board to test the (many) code changes with. Those
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> were needed to lift the license requirement, and also to allow for
> that code
> to be shared with support for Auria's DVMEGA DualBand Radio addon for the
> Arduino boards. The next preview will hopefully have it enabled; I just
> don't want to release un-tested code.
>
> Enjoy, and as always, if problems happen, please use the
> Help>Sendbug feature in the program WITH LOGGING ENABLED
> so we can see more of what is/was going on...
> --------------------
>
> Have a good weekend !
>
> Fred
> --
> Fred N. van Kempen, PA4YBR <fred@...>
> The DUTCH*Star Project http://www.dutch-star.eu/
>
>

11425. Star*DV - New D-Star AMBE device

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-21 14:10:34 UTC
From: J. M. Moen
Topic: 11425 Message: 11425

I am pleased to announce the availability of the Star*DV by Matrix Circuits. It is being distributed by MoenComm – www.moencomm.com .

This is a small USB device containing the latest AMBE 3000 series chip from DVSI. It also contains a codec and connector for a speaker/mike, allowing QSOs without needing the soundcard or external speakers and microphone plugged into the PC.

Pricing will take in account the additional codec capability, over and above the AMBE functionality, but it is initially being offered at a special introductory price.

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Note: the MoenComm website has been upgraded and now uses a shopping cart – problems or ideas for improvement will be welcome. Just contact me directly.

11427. RE: [gmsk_dv_node] Star*DV - New D-Star AMBE device

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-21 21:04:20 UTC
From: J. M. Moen
Topic: 11425 Message: 11427

The Star*DV has a similar purpose as the original DV Dongle from Internet Labs or the new ThumbDV device from NW Digital Radio – it allows easy entry into D-Star without spending a lot of money (because you can have QSOs using a PC and speakers/microphone even before you buy that first D-Star radio). But it is also nice when travelling, not taking up a lot of space, etc.

A GMSK Modem like the one you have allows people with at least one D-Star radio to extend the D-Star network to their neighborhood. You are using RF, but unlike talking through a nearby open D-Star repeater, you can unlink and link it to the reflectors of your choice without affecting other users. Or, if you live far from a D-Star repeater, you can set up a Hotspot to be accessed from your shack or your automobile and get in on the action. I sometimes take an HT along when I walk the dogs, and I can have QSOs several blocks from my house using my Hotspot. Or I can be in the backyard/garden and hear if someone is calling me.

So the two devices serve different purposes. What’s kind of interesting though, is that you can actually use the two together (because of the SDV software), with the speaker/mike QSOs going out over RF from the Hotspot, and vice versa. That is totally optional and not needed by everyone, but it’s new capability in the homebrew D-Star arena.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, March 21, 2015 8:45 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Star*DV - New D-Star AMBE device
I feel kind of weird. Should I have waited for this new device or am I still on the cutting edge of the equipment that you offer?
Troy
On Mar 21, 2015 10:12 AM, "'J. M. Moen' jim@k6jm.com [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

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11428. RE: [gmsk_dv_node] Star*DV - New D-Star AMBE device

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-21 21:30:42 UTC
From: troy creed
Topic: 11425 Message: 11428

Jim, I can't seem to get an echo back from my radio. Kenwood d700. Also an id51a. When I do the tests, o get tons of hex bytes on the screen. Looks like maybe as I PTT and then as I letup. Then I go to echo, it won't echo back. The the software errors out and I have to restart. I must put it away right now but maybe we can go offline on this or wait until a workday for you. I'm retired...

Thanks bub, tcc
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11429. Re: [gmsk_dv_node] Star*DV - New D-Star AMBE device

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-21 22:18:07 UTC
From: Steve Sharp
Topic: 11425 Message: 11429

G’day Jim, looks good!

Is it shipping immediately, I’m travelling overseas in 2 weeks and this would be a great piece of kit to pack – if it can get from the US to Australia before the 3rd April?

73 Steve VK2ARS

From: mailto:gmsk_dv_node@yahoogroups.com
Sent: Sunday, March 22, 2015 1:10 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Star*DV - New D-Star AMBE device

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11430. RE: [gmsk_dv_node] Win Dv

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-22 05:56:15 UTC
From: J. M. Moen
Topic: 11415 Message: 11430

Yes, I've had a lot of fun with ConDV on a Pi, but not yet on a B+. I have a B+ but have recently been busy and have not loaded ConDV on it.

On the model B Pi, I found no performance differences between that and WinDV on Windows.

Your problem statement is that outbound Ethernet is apparently not working despite correct configuration. I think that implies you can link to reflectors and people talking on those reflectors are able to be heard by you, but if you try to talk to them, they cannot hear you.

Did I get that right? I am sure you've looked at all this a lot and have double-checked, but the most common cause for that problem is when you linked to the DPlus reflector, DPlus for some reason did not like your credentials and returned a "read only" return code. From then on, it will send transmissions into to your node, but will block your attempts to send transmissions outbound to the reflector.

I would verify that your hotspot.conf file has something like the following:

```
PROTOCOL DPlus
Enable = True
AuthCall = W1XYZ
Inbound = True
END
```

where W1XYZ is your callsign plus band module that has been registered at a valid Trust gateway. You might go to one of the registration lookup sites like http://query.ke5bms.com/index.php and make sure that whatever you entered for AuthCall is a valid terminal. Many people set up several terminals for their callsign, including one with a blank band module. The example above assume W1XYZ has a terminal set up with a blank. Obviously if that ham wanted to verify with a terminal with band module C, he/she would have to enter W1XYZ_C or 'W1XYZ C' where there are 2 spaces so C comes in the 8th position.

If that doesn't do it, feel free to email me the conf file from the Pi. (I am unfortunately Windows-centric, so I would use WinSCP to upload the conf file from /dstar/etc/condv.d, then email from Windows.)

If that doesn't lead to success, I would next look at logs.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, March 18, 2015 2:44 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Win Dv

On 03/18/2015 07:20 AM, 'J. M. Moen' jim@... [gmsk_dv_node] wrote:
Yes, I had that happen. Turns out I had installed a version of ConDV last year, and at that

time, it used the same name for version management that WinDV uses, and ConDV’s number was higher than WinDV’s number.
Just go to Control Panel, Programs, and uninstall ConDV. That will allow you to install the latest version of WinDV.

We'd very much like to get condv fully operational on a Pi B+ with gmsk_dv board, but are not yet successful with two-way comms. Outbound ethernet is apparently not working despite correct configuration. windv on a Toshiba laptop using the same board works correctly, but it's time to retire that machine due to software slowness (winXP on a slow processor) and structural failures such as broken hinges.

Communication with Mssr. Fred van Kempen has not met with any response in the past 2 months, so we hope he is well and in good health after the relocation to the United States.

Have any of you had success with condv on a Pi? If not, what other options are available, please?

11431. Most stable software

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-22 06:05:53 UTC
From: Jeremy J Barbouttis
Topic: 11431 Message: 11431

Hi Jim,

I am wondering about the most stable approach to setting up a hotspot running at least 5 watts.

I have one of your boards, and it has work brilliantly, but the software always seems to get to a point where it crashes.

I have generally run G4KLX software.

In your experience, which have you found to be most stable, yet offer the range of features and be portable.

I go to Japan regularly and wanted to set something set up over there under my Japanese license.

My wife is a ham, she needs things to be stable, as she is not that technically minded, and I might not be there all the time.

Regards,

Jeremy

73s

Jeremy
VK2MJM
CCS Code: 9755

11432. RE: [gmsk_dv_node] Star*DV - New D-Star AMBE device

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-22 06:07:24 UTC
From: J. M. Moen
Topic: 11425 Message: 11432

Troy, let’s work this offline.

For people reading the mail, it sounds like the GMSK Modem, when sending TX audio to the Kenwood D700, need to produce a bit higher audio level. Kenwood radios in general are designed to need more audio for 9600 packet data than radios from other manufacturers. I have a D700 myself and it does work in Hotspot duty if the TX trim pot is turned up to maximum, but the next radio might want just a little bit more audio level.

In that case, there is a simple mod to the board to increase the audio level range of the trim pot. I will work this offline with Troy.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, March 21, 2015 2:31 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Star*DV - New D-Star AMBE device

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Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-22 06:12:07 UTC
From: troy creed
Topic: 11425 Message: 11433

OK Jim, I will be patient, thank you. Tcc
On Mar 22, 2015 2:07 AM, "'J. M. Moen' jim@... [gmsk_dv_node]" <
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> optional. In fact, since the speaker/mike can hear the Hotspot’s RF QSOs
> and the Hotspot users can hear the speaker/mike QSOs, they can talk to each
> other directly as well as to linked repeaters and reflectors.
>
> Note: the MoenComm website has been upgraded and now uses a shopping cart
> – problems or ideas for improvement will be welcome. Just contact me
> directly.
>
>
>

11434. RE: [gmsk_dv_node] Star*DV - New D-Star AMBE device

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-22 06:26:53 UTC
From: J. M. Moen
Topic: 11425 Message: 11434

Steve,

I normally ship via US Postal Service Priority International Mail. All mailing costs are expensive these days, but it costs about half of services like FedEx. Priority Intl Mail normally gets to Australia quickly, like about 7 working days, but I would hate to promise since I can't control. USPS says it normally take up to 10 business days, but they cannot promise because they can't control the time to clear customs in the destination country.

Orders entered this weekend will ship Monday, but I am just not sure it would get to you before you leave on your trip.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, March 21, 2015 3:18 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Star*DV - New D-Star AMBE device

G'day Jim, looks good!

Is it shipping immediately, I'm travelling overseas in 2 weeks and this would be a great piece of kit to pack – if it can get from the US to Australia before the 3rd April?

73 Steve VK2ARS

From: mailto:gmsk_dv_node@yahoogroups.com
Sent: Sunday, March 22, 2015 1:10 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Star*DV - New D-Star AMBE device

I am pleased to announce the availability of the Star*DV by Matrix Circuits. It is being distributed by MoenComm – www.moencomm.com .
This is a small USB device containing the latest AMBE 3000 series chip from DVSI. It also contains a codec and connector for a speaker/mike, allowing QSOs without needing the soundcard or external speakers and microphone plugged into the PC.
Pricing will take in account the additional codec capability, over and above the AMBE functionality, but it is initially being offered at a special introductory price.
At the same time, an application called SDV is now available. The is a free, open source app by Rick Schnicker, KD0OSS (source available in the Files area of the Yahoo Group starboarddt). Windows Installer downloads as well as Raspberry Pi packages will be available in the next few days.
SDV runs on Windows, Intel/AMD architecture Linux as well as ARM processors like the Raspberry Pi. It connects to the G4KLX ircDDBGateway program, which provides linking and connection services to REF, XRF and DCS reflectors as well as ircDDB callsign routing and CCS peer to peer routing.
On Windows/Desktop Linux, SDV has a robust graphical interface. Its primary purpose is to use either the speaker/mike plugged into the Star*DV, or the PC's soundcard and

speakers/mike to enable D-Star QSOs with hams over the internet, no D-Star radio required. But SDV also supports a GMSK Modem, allowing you to have both a D-Star compatible Hotspot for neighborhood and mobile access, as well as QSOs from the shack without needing a radio. All these configurations are optional. In fact, since the speaker/mike can hear the Hotspot's RF QSOs and the Hotspot users can hear the speaker/mike QSOs, they can talk to each other directly as well as to linked repeaters and reflectors.
Note: the MoenComm website has been upgraded and now uses a shopping cart – problems or ideas for improvement will be welcome. Just contact me directly.

11435. RE: [gmsk_dv_node] Most stable software

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-22 17:02:54 UTC
From: J. M. Moen
Topic: 11431 Message: 11435

Jeremy,

I'll contact you directly and try to understand the problem better. In general, all the popular Hotspot programs are stable. We have had a few cases where there was a conflict between firmware and the PC program, and in one case I was able to re-create it by quick-keying my D-Star HT so the board was more or less being asked to start transmiting an inbound transmission while receiving the local signal. But WinDV, ConDV, G4KLX and FreeStar have all been used successfully for Hotspots.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, March 21, 2015 11:06 PM
To: 'J. M. Moen' jim@... [gmsk_dv_node]
Subject: [gmsk_dv_node] Most stable software
Hi Jim,
I am wondering about the most stable approach to setting up a hotspot running at least 5 watts.

I have one of your boards, and it has work brilliantly, but the software always seems to get to a point where it crashes.

I have generally run G4KLX software.

In your experience, which have you found to be most stable, yet offer the range of features and be portable.

I go to Japan regularly and wanted to set something set up over there under my Japanese license.

My wife is a ham, she needs things to be stable, as she is not that technically minded, and I might not be there all the time.

Regards,

Jeremy

73s

Jeremy
VK2MJM
CCS Code: 9755

11436. GMSK moen board and ras pi no TX

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-23 10:25:18 UTC
From: jason.robb@...
Topic: 11436 Message: 11436

I have a moen GMSK board tied to a Kenwood V7A and everything tests well with NATOOLS. I move the radio and modem over to the PI, with IRCDDB and dstarrepeater running .Everything appears to be set up and working and the PI reports it is linked to the local repeater, which is linked to ref025B. The PI is pulling the audio off the internet and passing it through the modem and out the analog radio. I receive the QSO's fine on my 7100 or on the 5100 but when I transmit it is as though none hears me. I have tried about every combination of UR call that I can think of, but no success. So at this point I am thinking I have something goofed up in IRCDDB or with the UR call (I believe it should be the CQCQCQ).

I also have the call registered with DSTAR of N3YDU C that is what I am using for the access point.

Any thoughts as to what might be causing my lack of TX out when things test good wit NATOOLS?

N3YDU, Jason

11437. RE: [gmsk_dv_node] Star*DV - New D-Star AMBE device

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-23 19:08:24 UTC
From: purelightimages@...
Topic: 11425 Message: 11437

Does the Star DV unit Speaker Microphone have an Active Push-to Talk function? Thanks,
Steve
WB9ZNL

11438. Re: (was Win Dv; now ...) condv on RPi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-24 04:23:01 UTC
From: Tony
Topic: 11415 Message: 11438

On 03/21/2015 10:56 PM, 'J. M. Moen' jim@... [gmsk_dv_node] wrote:

... Did I get that right? I am sure you've looked at all this a lot and have double-checked, but the most common cause for that problem is when you linked to the DPlus reflector, DPlus for some reason did not like your credentials and returned a "read only" return code. From then on, it will send transmissions into to your node, but will block your attempts to send transmissions outbound to the reflector. ...

Thank you so much Jim, that was spot-on. A simple "AuthCall" change in the hotspot.conf file resolved the problem.

We're now learning with the "-S" option while consulting the "man condv" page, and see some interesting things in /var/log/hotspot.log prior to, and after disconnect() before condv -S shutdown with the key. Do these errors have any significance, and if so what might be causing them please?

```
# grep -c "NODE: I/O error" /var/log/hotspot.log
95

e.g.:
...
0323145449 DPlus[xxxxxx B]: connected
0323145450 NODE: Device hung in PTT 0
0323145450 NODE: I/O error 32 on READ
... # successful 2-way comms ...
...
0323145501 DPlus[xxxxxx B]: disconnected ()
0323145502 NODE: Device hung in PTT 0
0323145502 NODE: I/O error 32 on READ
...
0323145502 NODE: I/O error 32 on READ
0323145507 DCS: NOCALL : task 'DCS_IO' stopped.
0323145507 DCS: NOCALL : task 'DCS' stopped.
0323145508
0323145508 Station shut down.
```

11439. RE: [gmsk_dv_node] Star*DV - New D-Star AMBE device

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-24 12:27:41 UTC
From: crs026@...
Topic: 11425 Message: 11439

Steve,

Yes, the Star*DV does have PTT when used with a Speaker Mic.

Rick KD0OSS

11440. RE: [gmsk_dv_node] Re: (was Win Dv; now ...) condv on RPi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-24 19:36:25 UTC
From: Fred KA4YBR
Topic: 11415 Message: 11440

Hmm. I/O error 32 in that phase means "board not responding to
requests for I/O", and that is normal after a PTT because the board
is busy encoding the header for a few milliseconds.

What firmware version is being used on the board?

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, March 23, 2015 11:23 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: (was Win Dv; now ...) condv on RPi

On 03/21/2015 10:56 PM, 'J. M. Moen' jim@... [gmsk_dv_node] wrote:

... Did I get that right? I am sure you've looked at all this a lot and
have double-checked, but the most common cause for that problem is when you
linked to the DPlus reflector, DPlus for some reason did not like your
credentials and returned a "read only" return code. From then on, it will
send transmissions into to your node, but will block your attempts to send
transmissions outbound to the reflector. ...

Thank you so much Jim, that was spot-on. A simple "AuthCall" change in the
hotspot.conf file resolved the problem.

We're now learning with the "-S" option while consulting the "man condv"
page, and see some interesting things in /var/log/hotspot.log prior to, and
after disconnect() before condv -S shutdown with the <ESC> key. Do these
errors have any significance, and if so what might be causing them please?

grep -c "NODE: I/O error" /var/log/hotspot.log
95

e.g.:
...
0323145449 DPlus[xxxxxx B]: connected
0323145450 NODE: Device hung in PTT 0
0323145450 NODE: I/O error 32 on READ
... # successful 2-way comms ...
...
0323145501 DPlus[xxxxxx B]: disconnected ()
0323145502 NODE: Device hung in PTT 0
0323145502 NODE: I/O error 32 on READ
...
0323145502 NODE: I/O error 32 on READ

```
0323145507 DCS: NOCALL : task 'DCS_IO' stopped.
0323145507 DCS: NOCALL : task 'DCS' stopped.
0323145508
0323145508 Station shut down.
```

11441. RE: [gmsk_dv_node] GMSK moen board and ras pi no TX

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-24 19:40:16 UTC
From: Fred KA4YBR
Topic: 11436 Message: 11441

That would be a (application software) configuration error.

Most likely is connecting to a repeater or reflector with a callsign that is not (fully) registered. Remember, you have to register not just the callsign, but also any band module (the letter in the 8th position) you are using for your (hotspot) station. If not, the reflector or gateway will filter out transmissions from that station.

(you normally will see a "Connected to REFxxx (RO)" message or similar if this is the case - RO stands for Receive Only.)

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, March 23, 2015 5:25 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] GMSK moen board and ras pi no TX

I have a moen GMSK board tied to a Kenwood V7A and everything tests well with NATOOLS. I move the radio and modem over to the PI, with IRCDDB and dstarrepeater running .Everything appears to be set up and working and the PI reports it is linked to the local repeater, which is linked to ref025B. The PI is pulling the audio off the internet and passing it through the modem and out the analog radio. I receive the QSO's fine on my 7100 or on the 5100 but when I transmit it is as though none hears me. I have tried about every combination of UR call that I can think of, but no success. So at this point I am thinking I have something goofed up in IRCDDB or with the UR call (I believe it should be the CQCQCQ).

I also have the call registered with DSTAR of N3YDU C that is what I am using for the access point.

Any thoughts as to what might be causing my lack of TX out when things test good wit NATOOLS?

N3YDU, Jason

11442. Problem with GMSK modem in RPI B+

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-24 21:15:03 UTC
From: msanchez@...
Topic: 11442 Message: 11442

I am trying to set my hotspot in raspberry PI B+ and a home brew GMSK moden board (a copy of the minihotspot from dutchstar) and it is being a bit hard as this is my first experince with this platform, my lack of background on linux and that the only info that I can get about this is from the Net (in this sort of situation, having someone around that teaches you helps).
I have downloaded the image from westerndstar (the first one in the box) and I have configured ircddb gateway and dstarrepeater. Ircddb seems to work fine since it connects but the GMSK board doesn´t work...
As far as I have learnt the firmware in the GMSK modem board must be beta a version and the version that I have is beta indeed, but may be not the correct one.

I know that the GMSK board works fine because I am currently using it with WINdv, so I would say that the issue could be some thing related to the firmware. I have left a comment at the dutchstar webpage asking what item I have to choose from the list of items sold in the site to buy a firmware that fits to my board and apply for a beta later on but I have not received any answer yet, so it will be great if someone could tell me this in advance, or may be I am forgetting something else that I have to check.

Any help would be really apreciated. Thanks in advance.

Regards.

Miguel (EA1EZ)

11443. RE: [gmsk_dv_node] GMSK moen board and ras pi no TX

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-25 00:27:10 UTC
From: jason.robb@...
Topic: 11436 Message: 11443

I have N3YDU , N3YDU C , N3YDU B, and N3YDU J listed under the registration query. I am using N3YDU C for this board. I have read trough alot of the posts here and think I have the Ur and everything figured out to include the duplex shift to get rpt1 and rpt2 to transmit correctly. Currently I have the following on my 7100 (have done much more testing with the 5100)

UR: CQCQCQ
Use Repeater
R1: N3YDU C
R2: N3YDU G
MY: N3YDU

IRCDDB is linked to a local repeater KB3TOG.

When I key up I get an error on IRCDDB:

Invalid Cross-band route by N3YDU from N3YDU C to N3YDU G

Trudging along figuring things out as I go, does the above error mean anything to any body on here? I still am unable to be heard at the distant end.

Thanks for your assistance
N3YDU Jason

---In gmsk_dv_node@yahoogroups.com, <fred@...> wrote :

That would be a (application software) configuration error.

Most likely is connecting to a repeater or reflector with a callsign that
is not (fully) registered. Remember, you have to register not just the
callsign, but also any band module (the letter in the 8th position) you
are using for your (hotspot) station. If not, the reflector or gateway
will filter out transmissions from that station.

(you normally will see a "Connected to REFxxx (RO)" message or
similar if this is the case - RO stands for Receive Only.)

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, March 23, 2015 5:25 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] GMSK moen board and ras pi no TX

I have a moen GMSK board tied to a Kenwood V7A and everything tests well with NATOOLS. I move the radio and modem over to the PI, with IRCDDB and dstarrepeater running .Everything appears to be set up and working and the PI reports it is linked to the local repeater, which is linked to ref025B. The PI is pulling the audio off the internet and passing it

through the modem and out the analog radio. I receive the QSO's fine on my 7100 or on the 5100 but when I transmit it is as though none hears me. I have tried about every combination of UR call that I can think of, but no success. So at this point I am thinking I have something goofed up in IRCDDB or with the UR call (I believe it should be the CQCQCQ).

I also have the call registered with DSTAR of N3YDU C that is what I am using for the access point.

Any thoughts as to what might be causing my lack of TX out when things test good wit NATOOLS?

N3YDU, Jason

11444. Re: [gmsk_dv_node] Re: (was Win Dv; now ...) condv on RPi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-25 19:11:44 UTC
From: Tony
Topic: 11415 Message: 11444

On 03/24/2015 12:36 PM, 'Fred KA4YBR' fred@... [gmsk_dv_node] wrote:

Hmm. I/O error 32 in that phase means "board not responding to

requests for I/O", and that is normal after a PTT because the board

is busy encoding the header for a few milliseconds.

What firmware version is being used on the board?

We're hoping this addresses your question, Fred:

```
0102134442 DUTCH*Star Console-Mode DV Hotspot V2.0.0-141
0102134442 Copyright 2008-2014 MicroWalt Corporation.
0102134442
0102134442 Platform: RaspberryPi Rev.X00000010 (UNK MN) #31fd3e18
...
```

11445. Re: [gmsk_dv_node] Re: (was Win Dv; now ...) condv on RPi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-25 19:27:02 UTC
From: Tony
Topic: 11415 Message: 11445

On 03/25/2015 12:11 PM, Tony ynotssor@... [gmsk_dv_node] wrote:

On 03/24/2015 12:36 PM, 'Fred KA4YBR' fred@... [gmsk_dv_node] wrote:

Hmm. I/O error 32 in that phase means "board not responding to

requests for I/O", and that is normal after a PTT because the board

is busy encoding the header for a few milliseconds.

What firmware version is being used on the board?

We're hoping this addresses your question, Fred:

```
0102134442 DUTCH*Star Console-Mode DV Hotspot V2.0.0-141
0102134442 Copyright 2008-2014 MicroWalt Corporation.
0102134442
0102134442 Platform: RaspberryPi Rev.X00000010 (UNK MN) #31fd3e18
...
```

Looks like I might've forgotten the key ingredient:

```
0324145011 NODE: DUTCH*Star HSA V0.1.00F HSFIX
```

11446. RE: [gmsk_dv_node] Re: (was Win Dv; now ...) condv on RPi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-25 19:36:30 UTC
From: Fred KA4YBR
Topic: 11415 Message: 11446

Hi Tony,

Yeah, that was the missing link ;-)

Contact me off-list... you need a firmware update for your board!

Regards,

Fred KA4YBR

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, March 25, 2015 2:27 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Re: (was Win Dv; now ...) condv on RPi

On 03/25/2015 12:11 PM, Tony ynotssor@... [gmsk_dv_node] wrote:

On 03/24/2015 12:36 PM, 'Fred KA4YBR' fred@... [gmsk_dv_node]
wrote:

Hmm. I/O error 32 in that phase means "board not responding to
requests for I/O", and that is normal after a PTT because the board
is busy encoding the header for a few milliseconds.

What firmware version is being used on the board?

We're hoping this addresses your question, Fred:

0102134442 DUTCH*Star Console-Mode DV Hotspot V2.0.0-141
0102134442 Copyright 2008-2014 MicroWalt Corporation.
0102134442
0102134442 Platform: RaspberryPi Rev.X00000010 (UNK MN) #31fd3e18
...

Looks like I might've forgotten the key ingredient:

0324145011 NODE: DUTCH*Star HSA V0.1.00F HSFIX

11447. RE: [gmsk_dv_node] Star*DV - New D-Star AMBE device

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-25 20:06:02 UTC
From: purelightimages@...
Topic: 11425 Message: 11447

I have tried to order the Star DV, the Microphone, and the LCD. PayPal keeps sending me back to the Cart with no orders registered with PayPal. I have tried multiple times, same results. Please send me an invoice to my PayPal account at zquality1@hotmail.com

Thanks,
Steve
WB9ZNL

11448. RE: [gmsk_dv_node] Star*DV - New D-Star AMBE device

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-25 20:08:02 UTC
From: Kent Hufford
Topic: 11425 Message: 11448

I had the same problem.

Had to send Jim Moen an email.

Kent

KQ4KK

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, March 25, 2015 4:06 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Star*DV - New D-Star AMBE device

I have tried to order the Star DV, the Microphone, and the LCD. PayPal keeps sending me back to the Cart with no orders registered with PayPal. I have tried multiple times, same results. Please send me an invoice to my PayPal account at zquality1@...
<mailto:zquality1@...>

Thanks,

Steve

WB9ZNL

11449. Re: [gmsk_dv_node] GMSK moen board and ras pi no TX

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-25 23:19:19 UTC
From: trjames@...
Topic: 11436 Message: 11449

Question did you have to do anything to the image to get your moen gmsk to work with the PI I have downloaded the latest image from westernstar and gone thru each step on the direction and it still not workling

In a message dated 3/23/2015 6:25:22 A.M. Eastern Daylight Time, gmsk_dv_node@yahoogroups.com writes:

I have a moen GMSK board tied to a Kenwood V7A and everything tests well with NATOOLS. I move the radio and modem over to the PI, with IRCDDB and dstarrepeater running .Everything appears to be set up and working and the PI reports it is linked to the local repeater, which is linked to ref025B. The PI is pulling the audio off the internet and passing it through the modem and out the analog radio. I receive the QSO's fine on my 7100 or on the 5100 but when I transmit it is as though none hears me. I have tried about every combination of UR call that I can think of, but no success. So at this point I am thinking I have something goofed up in IRCDDB or with the UR call (I believe it should be the CQCQCQ).

I also have the call registered with DSTAR of N3YDU C that is what I am using for the access point.

Any thoughts as to what might be causing my lack of TX out when things test good wit NATOOLS?

N3YDU, Jason

11450. Re: GMSK moen board and ras pi no TX

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-25 23:40:31 UTC
From: jason.robb@...
Topic: 11436 Message: 11450

I got everything working tonight, ends up the there is something goofy with the R2. If i leave it blank and key up it will fill in R2 with N3YDU G and every thing seems to work.

So set 7100 to :
UR: CQCQCQ
R1: N3YDU C
R2: NOT USED*

Key up access whatever the pi is linked to and the 7100 automaticly sets R2 to N3YDU G and it continues to work.

As far as getting the pi image to work I simply followed these two walk throughs for setting things up:

http://www.k6jm.com/hs-gw6wtk- image.htm http://www.k6jm.com/hs-gw6wtk-image.htm

http://www.k6jm.com/hs-piconfigG4KLX.htm http://www.k6jm.com/hs-piconfigG4KLX.htm

Next stop is to see if I can get a NW DV3000 working with this setup.

11451. Update on Star*DV ordering

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-27 00:54:31 UTC
From: J. M. Moen
Topic: 11451 Message: 11451

This has been a busy week. All orders have been shipped, though many were later than I had hoped. I put up two new web page about how to install and configure SDV for Windows - http://www.k6jm.com/hs-setupwinstardv.htm -
and SDV for the Pi - http://www.k6jm.com/hs-setuppistardv.htm .

For those who already have ircDDBGateway installed, you can obviously skip those sections.

These pages cover only the basics. I hope to add secondary pages that discuss how to use the Star*DV with a GMSK Modem, as well as having D-Star compatible QSOs on HF.

ORDERING – I am sorry that for some of you, the shopping cart and PayPal are not working right and the order process fails. Please email me and we can work out manual ordering until this is fixed for everyone.

Later tonight I hope to comment on some posts here on this group. Now, back to the madhouse….

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, March 25, 2015 4:41 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: GMSK moen board and ras pi no TX

I got everything working tonight, ends up the there is something goofy with the R2. If i leave it blank and key up it will fill in R2 with N3YDU G and every thing seems to work.

So set 7100 to :
UR: CQCQCQ
R1: N3YDU C
R2: NOT USED*

Key up access whatever the pi is linked to and the 7100 automaticly sets R2 to N3YDU G and it continues to work.

As far as getting the pi image to work I simply followed these two walk throughs for setting things up:

http://www.k6jm.com/hs-gw6wtk- image.htm <http://www.k6jm.com/hs-gw6wtk-image.htm>

http://www.k6jm.com/hs-piconfigG4KLX.htm

Next stop is to see if I can get a NW DV3000 working with this setup.

11452. Re: [gmsk_dv_node] GMSK moen board and ras pi no TX

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-27 15:14:13 UTC
From: trjames@...
Topic: 11436 Message: 11452

Okay I found out from Jim 2 days ago that I need the beta firmware. Fred would you please send me the beta firmware so I can run the moen star board on a R-pi.

Thank you so much
AF4JC
James Bryant
previous call kd4hxs

11453. What USB driver is needed for GMSK modems?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-29 04:34:47 UTC
From: John E. Malmberg
Topic: 11453 Message: 11453

I am wanting to set up a IC-207H do communicate with D-RATS or other digital transmissions only, no voice.

It looks like I should be able to use a GMSK modem connected to a computer to do this along with some possibly custom software.

An internet search does not show up what USB driver is needed to communicate with the modems.

I tried looking up the information for the Star*Board, and everything is referencing the dutch-start.com/dutch-star.eu web site.

Unfortunately that web site is not reachable by me at this time.

Do any of the GMSK modems for radios just use a standard USB serial port driver?

Regards
-John
wb8tyw@...

11454. Dutch Star Web/Server down?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-29 18:41:36 UTC
From: slowtoe@...
Topic: 11454 Message: 11454

I may have missed something, but I have not been able to access the Dutch Star web site for a couple of days.
Is it being re configured or down forever. Anybody have info? Thanks, Joel

11455. Re: [gmsk_dv_node] Dutch Star Web/Server down?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-29 20:23:09 UTC
From: Tony
Topic: 11454 Message: 11455

On 03/29/2015 11:41 AM, slowtoe@... [gmsk_dv_node] wrote:

I may have missed something, but I have not been able to access the Dutch Star web site for a couple of days.
Is it being re configured or down forever. Anybody have info?

Looks like a one-way filter?

```
$ ping -c 5 dutch-star.eu
PING dutch-star.eu (188.203.83.182) 56(84) bytes of data.
From gw.mnint.eu (188.203.83.161) icmp_seq=1 Packet filtered
From gw.mnint.eu (188.203.83.161) icmp_seq=3 Packet filtered
From gw.mnint.eu (188.203.83.161) icmp_seq=5 Packet filtered
--- dutch-star.eu ping statistics ---
5 packets transmitted, 0 received, +3 errors, 100% packet loss, time 4017ms
```

Well, let's try with TCP instead of ICMP:

```
# nping -c 5 --tcp -p 80,443 dutch-star.eu
Starting Nping 0.6.00 ( http://nmap.org/nping ) at 2015-03-29 13:18 PDT
SENT (0.0551s) TCP 192.168.1.102:60420 > 188.203.83.182:80 S ttl=64 id=59930 iplen=40
seq=1802275111 win=1480
SENT (1.0552s) TCP 192.168.1.102:60420 > 188.203.83.182:443 S ttl=64 id=59930 iplen=40
seq=1802275111 win=1480
SENT (2.0564s) TCP 192.168.1.102:60420 > 188.203.83.182:80 S ttl=64 id=59930 iplen=40
seq=1802275111 win=1480
SENT (3.0576s) TCP 192.168.1.102:60420 > 188.203.83.182:443 S ttl=64 id=59930 iplen=40
seq=1802275111 win=1480
SENT (4.0587s) TCP 192.168.1.102:60420 > 188.203.83.182:80 S ttl=64 id=59930 iplen=40
seq=1802275111 win=1480
SENT (5.0600s) TCP 192.168.1.102:60420 > 188.203.83.182:443 S ttl=64 id=59930 iplen=40
seq=1802275111 win=1480
SENT (6.0613s) TCP 192.168.1.102:60420 > 188.203.83.182:80 S ttl=64 id=59930 iplen=40
seq=1802275111 win=1480
SENT (7.0617s) TCP 192.168.1.102:60420 > 188.203.83.182:443 S ttl=64 id=59930 iplen=40
seq=1802275111 win=1480
SENT (8.0630s) TCP 192.168.1.102:60420 > 188.203.83.182:80 S ttl=64 id=59930 iplen=40
seq=1802275111 win=1480
SENT (9.0643s) TCP 192.168.1.102:60420 > 188.203.83.182:443 S ttl=64 id=59930 iplen=40
seq=1802275111 win=1480
Max rtt: N/A | Min rtt: N/A | Avg rtt: N/A
Raw packets sent: 10 (400B) | Rcvd: 0 (0B) | Lost: 10 (100.00%)
Tx time: 9.01040s | Tx bytes/s: 44.39 | Tx pkts/s: 1.11
Rx time: 10.01146s | Rx bytes/s: 0.00 | Rx pkts/s: 0.00
Nping done: 1 IP address pinged in 10.12 seconds
```

Yes the site filter is broken, effectively breaking the dutch-star.eu web site.

11456. Re: [gmsk_dv_node] Dutch Star Web/Server down?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-29 20:49:16 UTC
From: Rudy Benner
Topic: 11454 Message: 11456

Did he not move back to the USA?

r

From: mailto:gmsk_dv_node@yahoogroups.com
Sent: Sunday, March 29, 2015 4:23 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Dutch Star Web/Server down?

On 03/29/2015 11:41 AM, slowtoe@... [gmsk_dv_node] wrote:

I may have missed something, but I have not been able to access the Dutch Star web site for a couple of days.
Is it being re configured or down forever. Anybody have info?

Looks like a one-way filter?

```
$ ping -c 5 dutch-star.eu
PING dutch-star.eu (188.203.83.182) 56(84) bytes of data.
From gw.mnint.eu (188.203.83.161) icmp_seq=1 Packet filtered
From gw.mnint.eu (188.203.83.161) icmp_seq=3 Packet filtered
From gw.mnint.eu (188.203.83.161) icmp_seq=5 Packet filtered
--- dutch-star.eu ping statistics ---
5 packets transmitted, 0 received, +3 errors, 100% packet loss, time 4017ms
```

Well, let's try with TCP instead of ICMP:

```
# nping -c 5 --tcp -p 80,443 dutch-star.eu
Starting Nping 0.6.00 ( http://nmap.org/nping ) at 2015-03-29 13:18 PDT
SENT (0.0551s) TCP 192.168.1.102:60420 > 188.203.83.182:80 S ttl=64 id=59930 iplen=40
seq=1802275111 win=1480
SENT (1.0552s) TCP 192.168.1.102:60420 > 188.203.83.182:443 S ttl=64 id=59930 iplen=40
seq=1802275111 win=1480
SENT (2.0564s) TCP 192.168.1.102:60420 > 188.203.83.182:80 S ttl=64 id=59930 iplen=40
seq=1802275111 win=1480
SENT (3.0576s) TCP 192.168.1.102:60420 > 188.203.83.182:443 S ttl=64 id=59930 iplen=40
seq=1802275111 win=1480
SENT (4.0587s) TCP 192.168.1.102:60420 > 188.203.83.182:80 S ttl=64 id=59930 iplen=40
seq=1802275111 win=1480
SENT (5.0600s) TCP 192.168.1.102:60420 > 188.203.83.182:443 S ttl=64 id=59930 iplen=40
seq=1802275111 win=1480
SENT (6.0613s) TCP 192.168.1.102:60420 > 188.203.83.182:80 S ttl=64 id=59930 iplen=40
seq=1802275111 win=1480
SENT (7.0617s) TCP 192.168.1.102:60420 > 188.203.83.182:443 S ttl=64 id=59930 iplen=40
seq=1802275111 win=1480
SENT (8.0630s) TCP 192.168.1.102:60420 > 188.203.83.182:80 S ttl=64 id=59930 iplen=40
seq=1802275111 win=1480
```

```
SENT (9.0643s) TCP 192.168.1.102:60420 > 188.203.83.182:443 S ttl=64 id=59930 iplen=40
seq=1802275111 win=1480
Max rtt: N/A | Min rtt: N/A | Avg rtt: N/A
Raw packets sent: 10 (400B) | Rcvd: 0 (0B) | Lost: 10 (100.00%)
Tx time: 9.01040s | Tx bytes/s: 44.39 | Tx pkts/s: 1.11
Rx time: 10.01146s | Rx bytes/s: 0.00 | Rx pkts/s: 0.00
Nping done: 1 IP address pinged in 10.12 seconds
```

Yes the site filter is broken, effectively breaking the dutch-star.eu web site.

11457. Re: [gmsk_dv_node] Dutch Star Web/Server down?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-29 20:58:19 UTC
From: Donald Jacob
Topic: 11454 Message: 11457

Yes, the data center that houses dpns has a problem. Should be back on line
the beginning of the week.

Fred does know about the problem and is doing what he can to make it happen.

Don
WB5EKU

On Sun, Mar 29, 2015 at 1:49 PM, 'Rudy Benner' rudy@...
[gmsk_dv_node] <gmsk_dv_node@...m> wrote:

>
>
> Did he not move back to the USA?
>
> r
>
>
> *From:* mailto:gmsk_dv_node@yahoogroups.com
> <gmsk_dv_node@yahoogroups.com>
> *Sent:* Sunday, March 29, 2015 4:23 PM
> *To:* gmsk_dv_node@yahoogroups.com
> *Subject:* Re: [gmsk_dv_node] Dutch Star Web/Server down?
>
>
>
> On 03/29/2015 11:41 AM, slowtoe@... [gmsk_dv_node] wrote:
>
> I may have missed something, but I have not been able to access the Dutch
> Star web site for a couple of days.
> Is it being re configured or down forever. Anybody have info?
>
>
> Looks like a one-way filter?
>
> $ ping -c 5 dutch-star.eu
> PING dutch-star.eu (188.203.83.182) 56(84) bytes of data.
> From gw.mnint.eu (188.203.83.161) icmp_seq=1 Packet filtered
> From gw.mnint.eu (188.203.83.161) icmp_seq=3 Packet filtered
> From gw.mnint.eu (188.203.83.161) icmp_seq=5 Packet filtered
> --- dutch-star.eu ping statistics ---
> 5 packets transmitted, 0 received, +3 errors, 100% packet loss, time 4017ms
>
> Well, let's try with TCP instead of ICMP:
>
> # nping -c 5 --tcp -p 80,443 dutch-star.eu

> Starting Nping 0.6.00 (http://nmap.org/nping) at 2015-03-29 13:18 PDT
> SENT (0.0551s) TCP 192.168.1.102:60420 > 188.203.83.182:80 S ttl=64
> id=59930 iplen=40 seq=1802275111 win=1480
> SENT (1.0552s) TCP 192.168.1.102:60420 > 188.203.83.182:443 S ttl=64
> id=59930 iplen=40 seq=1802275111 win=1480
> SENT (2.0564s) TCP 192.168.1.102:60420 > 188.203.83.182:80 S ttl=64
> id=59930 iplen=40 seq=1802275111 win=1480
> SENT (3.0576s) TCP 192.168.1.102:60420 > 188.203.83.182:443 S ttl=64
> id=59930 iplen=40 seq=1802275111 win=1480
> SENT (4.0587s) TCP 192.168.1.102:60420 > 188.203.83.182:80 S ttl=64
> id=59930 iplen=40 seq=1802275111 win=1480
> SENT (5.0600s) TCP 192.168.1.102:60420 > 188.203.83.182:443 S ttl=64
> id=59930 iplen=40 seq=1802275111 win=1480
> SENT (6.0613s) TCP 192.168.1.102:60420 > 188.203.83.182:80 S ttl=64
> id=59930 iplen=40 seq=1802275111 win=1480
> SENT (7.0617s) TCP 192.168.1.102:60420 > 188.203.83.182:443 S ttl=64
> id=59930 iplen=40 seq=1802275111 win=1480
> SENT (8.0630s) TCP 192.168.1.102:60420 > 188.203.83.182:80 S ttl=64
> id=59930 iplen=40 seq=1802275111 win=1480
> SENT (9.0643s) TCP 192.168.1.102:60420 > 188.203.83.182:443 S ttl=64
> id=59930 iplen=40 seq=1802275111 win=1480
> Max rtt: N/A | Min rtt: N/A | Avg rtt: N/A
> Raw packets sent: 10 (400B) | Rcvd: 0 (0B) | Lost: 10 (100.00%)
> Tx time: 9.01040s | Tx bytes/s: 44.39 | Tx pkts/s: 1.11
> Rx time: 10.01146s | Rx bytes/s: 0.00 | Rx pkts/s: 0.00
> Nping done: 1 IP address pinged in 10.12 seconds
>
> Yes the site filter is broken, effectively breaking the dutch-star.eu web
> site.
>
>
>

11458. Re: [gmsk_dv_node] Dutch Star Web/Server down?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-29 22:10:18 UTC
From: the1scorpion2002
Topic: 11454 Message: 11458

I noticed the same thing and delayed ordering a GMSK board because of that ☐☐☐ Sent from Samsung Mobile
-------- Original message --------
From: "slowtoe@yahoo.com [gmsk_dv_node]"
Date:03-29-2015 3:41 PM (GMT-04:00)
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Dutch Star Web/Server down?

I may have missed something, but I have not been able to access the Dutch Star web site for a couple of days. Is it being re configured or down forever. Anybody have info? Thanks, Joel

11459. Re: [gmsk_dv_node] Dutch Star Web/Server down?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-29 22:20:22 UTC
From: Fred van Kempen
Topic: 11454 Message: 11459

All,
No panic. Yes, that server is down, with several other ones, asa result of last Friday's major power failure in Holland. Since Ino longer live there, I have to ask the Admin of that data centerto check on my servers, and (properly) reboot them if needed.
That will happen sometime Monday morning, local time..
Regards,
Fred KA4YBR

11460. Re: [gmsk_dv_node] Dutch Star Web/Server down?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-30 00:45:40 UTC
From: slowtoe@...
Topic: 11454 Message: 11460

Thanks for the reply Fred. Great product love using it. 73 Joel

11461. Thumb DV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-30 01:38:52 UTC
From: rlsnuffy@...
Topic: 11461 Message: 11461

Hello,

I recently acquired a NW Digital Thumb DV - I was wondering if WinDV 1.5.8 is available yet?

Thanks es 73,
Bob, NS2B

11462. RE: [gmsk_dv_node] Dutch Star Web/Server down?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-30 15:57:26 UTC
From: Fred KA4YBR
Topic: 11454 Message: 11462

Has nothing to do with filters, no filters were broken, its just a server
that didn't (properly) reboot after an extended period of power failure.

Server is back up now.

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Sunday, March 29, 2015 3:23 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Dutch Star Web/Server down?

On 03/29/2015 11:41 AM, slowtoe@... [gmsk_dv_node] wrote:

I may have missed something, but I have not been able to access the Dutch
Star web site for a couple of days.
Is it being re configured or down forever. Anybody have info?

Looks like a one-way filter?

```
$ ping -c 5 dutch-star.eu
PING dutch-star.eu (188.203.83.182) 56(84) bytes of data.
From gw.mnint.eu (188.203.83.161) icmp_seq=1 Packet filtered
From gw.mnint.eu (188.203.83.161) icmp_seq=3 Packet filtered
From gw.mnint.eu (188.203.83.161) icmp_seq=5 Packet filtered
--- dutch-star.eu ping statistics ---
5 packets transmitted, 0 received, +3 errors, 100% packet loss, time 4017ms
```

Well, let's try with TCP instead of ICMP:

```
# nping -c 5 --tcp -p 80,443 dutch-star.eu
Starting Nping 0.6.00 ( http://nmap.org/nping ) at 2015-03-29 13:18 PDT
SENT (0.0551s) TCP 192.168.1.102:60420 > 188.203.83.182:80 S ttl=64 id=59930
iplen=40 seq=1802275111 win=1480
SENT (1.0552s) TCP 192.168.1.102:60420 > 188.203.83.182:443 S ttl=64
id=59930 iplen=40 seq=1802275111 win=1480
SENT (2.0564s) TCP 192.168.1.102:60420 > 188.203.83.182:80 S ttl=64 id=59930
iplen=40 seq=1802275111 win=1480
SENT (3.0576s) TCP 192.168.1.102:60420 > 188.203.83.182:443 S ttl=64
id=59930 iplen=40 seq=1802275111 win=1480
SENT (4.0587s) TCP 192.168.1.102:60420 > 188.203.83.182:80 S ttl=64 id=59930
iplen=40 seq=1802275111 win=1480
SENT (5.0600s) TCP 192.168.1.102:60420 > 188.203.83.182:443 S ttl=64
id=59930 iplen=40 seq=1802275111 win=1480
SENT (6.0613s) TCP 192.168.1.102:60420 > 188.203.83.182:80 S ttl=64 id=59930
```

```
iplen=40 seq=1802275111 win=1480
SENT (7.0617s) TCP 192.168.1.102:60420 > 188.203.83.182:443 S ttl=64
id=59930 iplen=40 seq=1802275111 win=1480
SENT (8.0630s) TCP 192.168.1.102:60420 > 188.203.83.182:80 S ttl=64 id=59930
iplen=40 seq=1802275111 win=1480
SENT (9.0643s) TCP 192.168.1.102:60420 > 188.203.83.182:443 S ttl=64
id=59930 iplen=40 seq=1802275111 win=1480
Max rtt: N/A | Min rtt: N/A | Avg rtt: N/A
Raw packets sent: 10 (400B) | Rcvd: 0 (0B) | Lost: 10 (100.00%)
Tx time: 9.01040s | Tx bytes/s: 44.39 | Tx pkts/s: 1.11
Rx time: 10.01146s | Rx bytes/s: 0.00 | Rx pkts/s: 0.00
Nping done: 1 IP address pinged in 10.12 seconds
```

Yes the site filter is broken, effectively breaking the dutch-star.eu web site.

11463. PSE SLOW DOWN

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-30 16:05:29 UTC
From: Fred KA4YBR
Topic: 11463 Message: 11463

All,

Please Slow Down on hitting or clicking that <SEND> button !

We got the servers back up a few hours ago, and, since then, I have
received over 3,500 messages. Aaargh!

I'll get through them, just slow down please! :)

--fred

11464. new d-star fb groups

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-31 22:07:39 UTC
From: ea8ee
Topic: 11464 Message: 11464

https://www.facebook.com/groups/415653108608421/

11465. News on Star*DV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-31 22:53:01 UTC
From: J. M. Moen
Topic: 11465 Message: 11465

First, for those who have purchased a Star*DV and plan to use it on a 64-bit Windows machine, I have updated the instructions for loading the drivers. Basically, you will need to disable driver signature enforcement while installing the CDM_StarDV.

I have added the following to the installation web page for Windows users:

If your PC is running 64-bit Windows 8.1, you will need to disable driver signing. Click here for how to do that <http://www.howtogeek.com/167723/how-to-disable-driver-signature-verification-on-64-bit-windows-8.1-so-that-you-can-install-unsigned-drivers/> . Note: You should also come back and do this step if, in the following step, your 32-bit Windows 8.1 gives you an error about "The hash for the file is not present in the specified catalog file."

Also, if you happen to possess a GMSK Modem, don’t forget that SDV will also support that at the same time as the Star*DV device. You can run both at the same time if you want.

Finally, as some of you have noticed, the initial shipment of Star*DV units has unfortunately sold out. I have ordered more, but Matrix Circuits is waiting for some back ordered parts. We are sorry for this inconvenience. We can’t give an exact date the new units will be available, but are hoping it will be in about 3 weeks. Again, sorry.

The monochrome LCDs for the Pi have finally arrived. I know they work with the SDV app, but I have not tested them with other Pi programs.

Jim – K6JM

11466. RE: [gmsk_dv_node] What USB driver is needed for GMSK modems?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-03-31 22:56:23 UTC
From: J. M. Moen
Topic: 11453 Message: 11466

John,

As you probably have discovered, the DUTCH*Star server is back up and running. On Windows, GMSK Modems using DUTCH*Star firmware use a USB driver that is installed when NATools is installed.

Other hams have used a GMSK Modem and a Hotspot program to work with D-RATS. If the modem uses DUTCH*Star firmware, be sure to use NAWinCFG on the Mode Settings window to enable SlowData.

You might want to look at the following web page that documents how to configure using DVAR, one of the first and still a popular Hotspot program.

http://www.d-rats.com/documentation/4-howtos/32-using-your-hotspot-for-d-rats/

WinDV also supports slow speed data, as do the G4KLX programs. If you chose the latter, I can send you some emails I found that show how to configure G4KLX for D-RATS.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, March 28, 2015 9:35 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] What USB driver is needed for GMSK modems?
I am wanting to set up a IC-207H do communicate with D-RATS or other digital transmissions only, no voice.

It looks like I should be able to use a GMSK modem connected to a computer to do this along with some possibly custom software.

An internet search does not show up what USB driver is needed to communicate with the modems.

I tried looking up the information for the Star*Board, and everything is referencing the dutch-start.com/dutch-star.eu web site.

Unfortunately that web site is not reachable by me at this time.

Do any of the GMSK modems for radios just use a standard USB serial port driver?

Regards
-John
wb8tyw@...

11467. Re: [gmsk_dv_node] Win 8.1 driver disable

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-01 19:07:10 UTC
From: Bill PIke
Topic: 11467 Message: 11467

?Jim,
The Starboard (GMSK node adaptor) w/RPi & G4KLX had been running well as a gateway for my Icom repeater until just before I went on vacation. Then the Pi locked up and didn't run. I tried the Starboard with a WIN 7 pc and it ran OK as expected. Then I went to FL. Meanwhile the Win 7 PC failed. I came back with a new PC running WIN 8.1 and want to run the Starboard there to pick up where I left off.

Following your "how to do that" advice (below), all went as specified , but DVAR Hotspot still does not find the GMSK node adaptor.? Can you offer any further help?
?
?
Reqards,
Bill Pike? (K2ILH)
?
On 03/31/15, 'J. M. Moen' jim@k6jm.com [gmsk_dv_node]<gmsk_dv_node@yahoogroups.com> wrote:
?
?

First, for those who have purchased a Star*DV and plan to use it on a 64-bit Windows machine, I have updated the instructions for loading the drivers.? Basically, you will need to disable driver signature enforcement while installing the CDM_StarDV.
I have added the following to the installation web page for Windows users:
If your PC is running 64-bit Windows 8.1, you will need to disable driver signing. Click here for how to do that (http://www.howtogeek.com/167723/how-to-disable-driver-signature-verification-on-64-bit-windows-8.1-so-that-you-can-install-unsigned-drivers/).? Note: You should also come back and do this step if, in the following step, your 32-bit Windows 8.1 gives you an error about "The hash for the file is not present in the specified catalog file."
Also, if you happen to possess a GMSK Modem, don’t forget that SDV will also support that at the same time as the Star*DV device.? You can run both at the same time if you want.
Finally, as some of you have noticed, the initial shipment of Star*DV units has unfortunately sold out.? I have ordered more, but Matrix Circuits is waiting for some back ordered parts.? We are sorry for this inconvenience.? We can’t give an exact date the new units will be available, but are hoping it will be in about 3 weeks. Again, sorry.
The monochrome LCDs for the Pi have finally arrived.?? I know they work with the SDV app, but I have not tested them with other Pi programs.
??? Jim – K6JM

11468. Frequency

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-04 11:17:21 UTC
From: the1scorpion2002@...
Topic: 11468 Message: 11468

I am setting up a D-Star Hotspot using the GMSK board, what Frequencies should be used?
Is there a specific frequency that is used for Hotspots?
I see reference to some USA hotspots using 145.670
I will be setting up the Hotspot in Nova Scotia Canada

Thank You

James ve1jcs

11469. Re: [gmsk_dv_node] Frequency

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-04 12:00:09 UTC
From: chipmckcmo@...
Topic: 11468 Message: 11469

I used 145.670 here in the KC area and have had no issues with using that frequency. It will be interesting hearing from others regarding what they used.
Chip
WB0LBZ

In a message dated 4/4/2015 6:17:24 A.M. Central Daylight Time, gmsk_dv_node@yahoogroups.com writes:

I am setting up a D-Star Hotspot using the GMSK board, what Frequencies should be used?
Is there a specific frequency that is used for Hotspots?
I see reference to some USA hotspots using 145.670
I will be setting up the Hotspot in Nova Scotia Canada

Thank You

James ve1jcs

11470. Re: Frequency

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-04 12:31:32 UTC
From: the1scorpion2002@...
Topic: 11468 Message: 11470

Yes, I am interested as well because I thought 145.670 was the simplex call channel

James

11471. Re: [gmsk_dv_node] Re: Frequency

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-04 13:25:46 UTC
From: Dave Webb KB1PVH
Topic: 11468 Message: 11471

You can look here to see what people are using for frequencies.

http://dstarhotspots.com/

Dave-KB1PVH

11472. Re: Frequency

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-04 18:23:05 UTC
From: the1scorpion2002@...
Topic: 11468 Message: 11472

Thanks for the Info Dave, I signed up at that site. I also notices the hotspots are all over the place frequency wise. No consistency :)

James ve1jcs

11473. Re: [gmsk_dv_node] What USB driver is needed for GMSK modems?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-04 23:01:25 UTC
From: John E. Malmberg
Topic: 11453 Message: 11473

On 3/31/2015 5:56 PM, 'J. M. Moen' jim@... [gmsk_dv_node] wrote:
> John,
>
> As you probably have discovered, the DUTCH*Star server is back up
> and running. On Windows, GMSK Modems using DUTCH*Star firmware use
> a USB driver that is installed when NATools is installed.

I am not planning on using Windows. What I am trying to find out is if it uses a special USB driver built for it, or if it uses the USB Serial port chip, in which case I can use a number of different platforms with out needing to write a device driver.

My programming background is OpenVMS.

That exact information is not present about the current boards. At least one older board apparently used the USB serial port chip though.

I am still getting things set up here. I was planning on getting some antennas up this weekend, but instead am recovering from a tooth that is going to need a root canal.

My interim plan is to use a PC + Soundcard + Linux to see if I can use that to decode packets from the "local" d-star repeater as a first step.

Eventually I want to replace the PC with a modem though.

Regards,
-John

11475. Node label

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-07 19:40:02 UTC
From: kb9mnm@...
Topic: 11475 Message: 11475

Hi everyone,
Questrion on setting up my node. In documentation, it states to mark my node as "N", yet when I did that, the repeater coordinator asked why I marked it that way. I changed it to a "C", but my questions is does it really matter what the name of it is?

Thanks,
Dave
KB9MNM

11476. RE: [gmsk_dv_node] Node label

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-07 20:44:05 UTC
From: Fred KA4YBR
Topic: 11475 Message: 11476

Dave,

In most cases, we set up the station (so, the hotspot itself) with an A, B or C
letter (band module) where, in general, A means it's running on 23cm, B means
70cm, and C means a 2m station. That is by convention only, it's no official
requirement.

The N (and R) band modules are used for stations that frequently change bands,
for example, if you are running with a DVAP or DVMEGA which can do both
70cm and 2m bands. In those cases, again, by convention, N means a simplex
station (hotspot), and R means a duplex (repeater) station.

The DCS protocol does not allow band modules other than A, B or C, by the way.

Hope this helps!

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, April 07, 2015 3:40 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Node label

Hi everyone,

Questrion on setting up my node. In documentation, it states to mark my node as "N", yet when I did that, the repeater coordinator asked why I marked it that way. I changed it to a "C", but my questions is does it really matter what the name of it is?

Thanks,

Dave

KB9MNM

11477. GMSK Not Decoding

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-08 23:07:40 UTC
From: the1scorpion2002@...
Topic: 11477 Message: 11477

Help, just received my GMSK board
I tried connecting it to a GE MVS, I know there is no radio data in the radio files for this radio but I did find a pin out for it and thought I would give it a try. The LED 11 comes on after adjusting R34 and is on steady but LED 1 dose not come on? not sure if it should or not. I am not getting any data in NAWin Test read, I did try reverse RX and no change.

So after trying that radio out too see if it would work I then Switched to a Motorola as the Motorola radio should work. I connected the Motorola M10 radio and to my surprise I got the same results :(

Now I am using a ID-5100a radio and I am aware of it being picky. Dose R36 need to be adjusted during this test or for playback during the Echo test?

Thank You

James ve1jcs

11478. Re: [gmsk_dv_node] GMSK Not Decoding

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-08 23:37:29 UTC
From: Dave Webb KB1PVH
Topic: 11477 Message: 11478

James,

I don't know about the GE, but on the Motorola you need to set internal jumper JU551 to the A position to provide flat receive audio to be sent to pin 11.

Dave-KB1PVH

11479. Re: [gmsk_dv_node] GMSK Not Decoding

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-09 00:54:50 UTC
From: the1scorpion2002
Topic: 11477 Message: 11479

Thank You Dave, opened radio too double check. Jumper was in A position but I noticed a laquer type of residue around jumper. I removed and re installed it a couple of times and that fixed the issue :) Regards James ve1jcs
-------- Original message --------
From: "Dave Webb KB1PVH kb1pvh@yahoo.com [gmsk_dv_node]"
Date:04-08-2015 8:37 PM (GMT-04:00)
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] GMSK Not Decoding

James, I don't know about the GE, but on the Motorola you need to set internal jumper JU551 to the A position to provide flat receive audio to be sent to pin 11. Dave-KB1PVH

11480. Re: [gmsk_dv_node] GMSK Not Decoding

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-09 02:37:07 UTC
From: the1scorpion2002
Topic: 11477 Message: 11480

Gave up for today:(I jumpered resistor as per notes for issues with ICOM ID5100A and in echo mode It almost seems to decode. Audio garbled in and out and hear that modem static sound. Frustrating that a Dstar radio can be so picky James ve1jcs
-------- Original message --------
From: "Dave Webb KB1PVH kb1pvh@yahoo.com [gmsk_dv_node]"
Date:04-08-2015 8:37 PM (GMT-04:00)
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] GMSK Not Decoding

James, I don't know about the GE, but on the Motorola you need to set internal jumper JU551 to the A position to provide flat receive audio to be sent to pin 11. Dave-KB1PVH

11481. Re: GMSK Not Decoding

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-09 15:43:18 UTC
From: the1scorpion2002@...
Topic: 11477 Message: 11481

After a lot of diddling of the R36 I FINALLY got my board to decode with my ID5100A, NOW I get a message on the radio while trying to connect with DVAR Hot Spot :VE1JCS C/NODE Denied "XXXXXX" A

Any ideas?

Thank You

James ve1jcs

11482. RE: [gmsk_dv_node] Re: GMSK Not Decoding

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-09 15:48:02 UTC
From: Fred KA4YBR
Topic: 11477 Message: 11482

What is the XXXX for ?

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, April 09, 2015 11:43 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: GMSK Not Decoding

After a lot of diddling of the R36 I FINALLY got my board to decode with my ID5100A, NOW I get a message on the radio while trying to connect with DVAR Hot Spot :VE1JCS C/NODE Denied "XXXXXX" A

Any ideas?

Thank You

James ve1jcs

11483. RE: [gmsk_dv_node] Re: GMSK Not Decoding

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-09 15:51:55 UTC
From: the1scorpion2002
Topic: 11477 Message: 11483

Call sign of repeater I am trying too log into. I actually get the same error for any repeater I try too log into. I have port forwarding open for 20001 to node computer. James ve1jcs
-------- Original message --------
From: "'Fred KA4YBR' fred@dutch-star.eu [gmsk_dv_node]"
Date:04-09-2015 12:48 PM (GMT-04:00)
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: GMSK Not Decoding

What is the XXXX for ? --fred From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com] Sent: Thursday, April 09, 2015 11:43 AM To: gmsk_dv_node@yahoogroups.com Subject: [gmsk_dv_node] Re: GMSK Not Decoding After a lot of diddling of the R36 I FINALLY got my board to decode with my ID5100A, NOW I get a message on the radio while trying to connect with DVAR Hot Spot :VE1JCS C/NODE Denied "XXXXXX" A Any ideas? Thank You James ve1jcs

11484. RE: [gmsk_dv_node] Re: GMSK Not Decoding

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-09 15:56:24 UTC
From: Fred KA4YBR
Topic: 11477 Message: 11484

"DENIED" means "I will not let you do that", and that is not the same as
"ERROR", for example because of port forwarding problems. So, it looks
like DVAR has an access list enabled for controlling (limiting) which
stations
can do linking/unlinking, or, even, which stations have access from the
RF side.

Some screenshots of the configuration screens would be helpful here..

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, April 09, 2015 11:52 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: GMSK Not Decoding

Call sign of repeater I am trying too log into. I actually get the same
error for any repeater I try too log into. I have port forwarding open for
20001 to node computer.

James ve1jcs

-------- Original message --------
From: "'Fred KA4YBR' fred@... [gmsk_dv_node]"
Date:04-09-2015 12:48 PM (GMT-04:00)
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: GMSK Not Decoding

What is the XXXX for ?

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, April 09, 2015 11:43 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: GMSK Not Decoding

After a lot of diddling of the R36 I FINALLY got my board to decode with my
ID5100A, NOW I get a message on the radio while trying to connect with DVAR
Hot Spot :VE1JCS C/NODE Denied "XXXXXX" A

Any ideas?

Thank You

James ve1jcs

11485. Callsign servers

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-09 17:13:19 UTC
From: J. M. Moen
Topic: 11485 Message: 11485

Bill,

Sorry for the delay in responding. Still crazy around here.

I think you are trying to have a DVAR Hotspot issue an inbound link to a G4KLX Hotspot, am I right?

As you know, linking to a repeater, reflector, a Hotspot or AMBE PC Hotspot will work as long the linker can find the IP address of the target. D-Plus keeps track only of its own repeaters and REF reflectors. Two other callsign servers will keep track of those as well as Hotspots that use the same callsign server. G4KLX automatically makes use of the DUTCH*Star callsign server. DVAR can use that if you go to Edit > Callsign Server and select DUTCH*Star NLroot. WinDV has the same option, and it can also let you configure to use the Free*Star VE3TNK callsign server.

The key is that both the target Hotspot (your G4KLX-based system in your case) and the other system (DVAR in your case) must both be using the same callsign server.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, April 01, 2015 12:07 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Win 8.1 driver disable

Jim,
The Starboard (GMSK node adaptor) w/RPi & G4KLX had been running well as a gateway for my Icom repeater until just before I went on vacation. Then the Pi locked up and didn't run. I tried the Starboard with a WIN 7 pc and it ran OK as expected. Then I went to FL. Meanwhile the Win 7 PC failed. I came back with a new PC running WIN 8.1 and want to run the Starboard there to pick up where I left off.

Following your "how to do that" advice (below), all went as specified , but DVAR Hotspot still does not find the GMSK node adaptor. Can you offer any further help?

Reqards,
Bill Pike (K2ILH)

On 03/31/15, 'J. M. Moen' jim@... [gmsk_dv_node]<gmsk_dv_node@yahoogroups.com> wrote:

First, for those who have purchased a Star*DV and plan to use it on a 64-bit Windows machine, I have updated the instructions for loading the drivers. Basically, you will need to disable driver signature enforcement while installing the CDM_StarDV.
I have added the following to the installation web page for Windows users:
If your PC is running 64-bit Windows 8.1, you will need to disable driver signing. Click here for how to do that <http://www.howtogeek.com/167723/how-to-disable-driver-signature-verification-on-64-bit-windows-8.1-so-that-you-can-install-unsigned-drivers/> . Note: You should also come back and do this step if, in the following step, your 32-bit Windows 8.1

gives you an error about "The hash for the file is not present in the specified catalog file."
Also, if you happen to possess a GMSK Modem, don’t forget that SDV will also support that at the same time as the Star*DV device. You can run both at the same time if you want.
Finally, as some of you have noticed, the initial shipment of Star*DV units has unfortunately sold out. I have ordered more, but Matrix Circuits is waiting for some back ordered parts. We are sorry for this inconvenience. We can’t give an exact date the new units will be available, but are hoping it will be in about 3 weeks. Again, sorry.
The monochrome LCDs for the Pi have finally arrived. I know they work with the SDV app, but I have not tested them with other Pi programs.
Jim – K6JM

11486. RE: [gmsk_dv_node] What USB driver is needed for GMSK modems?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-09 17:22:20 UTC
From: J. M. Moen
Topic: 11453 Message: 11486

No special driver needed for Linux. For those using Windows, the driver is installed when you properly install NATools.

There are various sources of documentation, depending on the operating system. There are Hotspot applications that run natively on Intel-architecture 32 bit Linux or 64 bit Linux, on Windows and we are beginning to see Android apps as well. Once you decide on the target, choose your Hotspot app and if the install documentation does not jump out at you, let us know and we can point you to it.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, April 04, 2015 4:01 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] What USB driver is needed for GMSK modems?
On 3/31/2015 5:56 PM, 'J. M. Moen' jim@... [gmsk_dv_node] wrote:
> John,
>
> As you probably have discovered, the DUTCH*Star server is back up
> and running. On Windows, GMSK Modems using DUTCH*Star firmware use
> a USB driver that is installed when NATools is installed.

I am not planning on using Windows. What I am trying to find out is if it uses a special USB driver built for it, or if it uses the USB Serial port chip, in which case I can use a number of different platforms with out needing to write a device driver.

My programming background is OpenVMS.

That exact information is not present about the current boards. At least one older board apparently used the USB serial port chip though.

I am still getting things set up here. I was planning on getting some antennas up this weekend, but instead am recovering from a tooth that is going to need a root canal.

My interim plan is to use a PC + Soundcard + Linux to see if I can use that to decode packets from the "local" d-star repeater as a first step.

Eventually I want to replace the PC with a modem though.

Regards,
-John

·–’–––

11487. RE: [gmsk_dv_node] Run time error message [1 Attachment]

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-09 17:26:33 UTC
From: J. M. Moen
Topic: 11487 Message: 11487

I think you are referring to trying to run NAWinCFG or NAWinTEST that come with NATools. It was written in Visual Basic 6 and requires the VB runtime library. Actually, it only needs RICHTX32.OCX from that library, so the quick fix is to just install that OCX file in the appropriate Windows library.

Check out our FAQ at http://www.gmskdvnode.info/#RICHTX32.OCX . Note that the correct library name depends on whether using 32 bit or 64 bit Windows.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, April 06, 2015 1:08 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Run time error message [1 Attachment]

[Attachment(s) <> from kb9mnm@... [gmsk_dv_node] included below]
Hi everyone!
Just got my Dutch*Star board today, doing prelimnary set up. Ran into the "Run Time error" message AFTER following instructions to put it (without the dat extension) in the sys32 folder. Have also checked the NAtools folder and it's in there as well.

11488. Re: [gmsk_dv_node] Callsign servers

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-09 18:29:06 UTC
From: Bill Plke
Topic: 11485 Message: 11488

Jim,
Thanks for getting back to me, with this series of problems I have just about given up, and I hate to impose on you
Let me ask only about the last problem:
With DV Hotspot loaded onWIN 8.1 the GMSK modem (Starboard) is not found.
The DV Hotspot software does connect to reflectors if so selected from the PC screen and does receive data from the internet on the screen.
?
Win 8.1 is new to me and I am sorry I have it.
?I followed your advice "If your PC is running 64-bit Windows 8.1, you will need to disable driver signing.? Click here for how to do that (http://www.howtogeek.com/167723/how-to-disable-driver-signature-verification-on-64-bit-windows-8.1-so-that-you-can-install-unsigned-drivers/). "

It still does not find the Starboard.

I have not tried WinDV.
If I can at least get it to run with DV Hotspot, I can eliminate the Starboard as the cause of the failure with the RPi and G4KLX installation.

?
Bill (K2ILH)
?
On 04/09/15, 'J. M. Moen' jim@... [gmsk_dv_node] wrote:
?
?

Bill,
Sorry for the delay in responding.? Still crazy around here.
I think you are trying to have a DVAR Hotspot issue an inbound link to a G4KLX Hotspot, am I right?
As you know, linking to a repeater, reflector, a Hotspot or AMBE PC Hotspot will work as long the linker can find the IP address of the target. D-Plus keeps track only of its own repeaters and REF reflectors.? Two other callsign servers will keep track of those as well as Hotspots that use the same callsign server.? G4KLX automatically makes use of the DUTCH*Star callsign server.? DVAR can use that if you go to Edit > Callsign Server and select DUTCH*Star NLroot.? WinDV has the same option, and it can also let you configure to use the Free*Star VE3TNK callsign server.?
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Subject: Re: [gmsk_dv_node] Win 8.1 driver disable
?

?Jim,
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?
?
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Bill Pike? (K2ILH)
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?
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Also, if you happen to possess a GMSK Modem, don’t forget that SDV will also support that at the same time as the Star*DV device.? You can run both at the same time if you want.
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The monochrome LCDs for the Pi have finally arrived.?? I know they work with the SDV app, but I have not tested them with other Pi programs.
??? Jim – K6JM

11489. No decode

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-09 20:46:13 UTC
From: kb9mnm@...
Topic: 739 Message: 11489

Setting up my Dutch Star board thru my TS2000. Have audio, the leds flicker on the modem, however the software in test mode doesn't decode. Any ideas?

Thanks,
Dave
KB9MNM

11490. New versions of SDV for the Star*DV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-09 17:39:44 UTC
From: J. M. Moen
Topic: 11490 Message: 11490

Rick has been busy adding features and in some cases, making performance improvements to SDV. This program will mostly be of interest to those with the Star*DV AMBE device.

On Windows, Rick is up to version 1.53. If you have a Star*DV and use SDV on Windows, you can check the install documentation at http://www.k6jm.com/hs-setupwinstardv.htm or just do the following:

* Go to Control Panel, Programs and uninstall Star*DV Controller
* http://www.moencomm.com/downloads/stardv.msi to get the latest SDV

On the Pi, SDV version 1.23 is the latest. It is in the repository, so just do an SSH logon and issues these commands to update:

```
apt-get update
apt-get install --reinstall sdv
```

This keeps the existing config file and just updates the sdv package.

Jim – K6JM

11491. RE: [gmsk_dv_node] Callsign servers

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-09 23:44:25 UTC
From: Fred KA4YBR
Topic: 11485 Message: 11491

Bill,

Looks like you do not have the (proper) drivers loaded, so the software cannot
find the board (through those drivers.) Jim has a nice FAQ which explains how
to install WinDV on Windows(-8) systems, which includes information on how
to install those drivers.

Basically, you have to grab the "NAtools for Windows" package from the website
(www.dutch-star.eu, log-in needed) and install that, keeping those installation
notes in mind. This is a small test/config suite for those boards, which includes
the drivers needed :)

Regards,

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, April 09, 2015 2:29 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Callsign servers

Jim,
Thanks for getting back to me, with this series of problems I have just
about given up, and I hate to impose on you
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PC screen and does receive data from the internet on the screen.

Win 8.1 is new to me and I am sorry I have it.

I followed your advice "If your PC is running 64-bit Windows 8.1, you will
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<http://www.howtogeek.com/167723/how-to-disable-driver-signature-verificatio
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here for how to do that. "

It still does not find the Starboard.

I have not tried WinDV.
If I can at least get it to run with DV Hotspot, I can eliminate the

Starboard as the cause of the failure with the RPi and G4KLX installation.

Bill (K2ILH)

On 04/09/15, 'J. M. Moen' jim@...
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Bill,

Sorry for the delay in responding. Still crazy around here.

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As you know, linking to a repeater, reflector, a Hotspot or AMBE PC Hotspot will work as long the linker can find the IP address of the target. D-Plus keeps track only of its own repeaters and REF reflectors. Two other callsign servers will keep track of those as well as Hotspots that use the same callsign server. G4KLX automatically makes use of the DUTCH*Star callsign server. DVAR can use that if you go to Edit > Callsign Server and select DUTCH*Star NLroot. WinDV has the same option, and it can also let you configure to use the Free*Star VE3TNK callsign server.

The key is that both the target Hotspot (your G4KLX-based system in your case) and the other system (DVAR in your case) must both be using the same callsign server.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, April 01, 2015 12:07 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Win 8.1 driver disable

Jim,
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Reqards,
Bill Pike (K2ILH)

On 03/31/15, 'J. M. Moen' <mailto:jim@...> jim@...
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First, for those who have purchased a Star*DV and plan to use it on a 64-bit Windows machine, I have updated the instructions for loading the drivers. Basically, you will need to disable driver signature enforcement while installing the CDM_StarDV.

I have added the following to the installation web page for Windows users:

If your PC is running 64-bit Windows 8.1, you will need to disable driver signing. <http://www.howtogeek.com/167723/how-to-disable-driver-signature-verification-on-64-bit-windows-8.1-so-that-you-can-install-unsigned-drivers/> Click here for how to do that. Note: You should also come back and do this step if, in the following step, your 32-bit Windows 8.1 gives you an error about "The hash for the file is not present in the specified catalog file."

Also, if you happen to possess a GMSK Modem, don't forget that SDV will also support that at the same time as the Star*DV device. You can run both at the same time if you want.

Finally, as some of you have noticed, the initial shipment of Star*DV units has unfortunately sold out. I have ordered more, but Matrix Circuits is waiting for some back ordered parts. We are sorry for this inconvenience. We can't give an exact date the new units will be available, but are hoping it will be in about 3 weeks. Again, sorry.

The monochrome LCDs for the Pi have finally arrived. I know they work with the SDV app, but I have not tested them with other Pi programs.

Jim - K6JM

11492. Re: [gmsk_dv_node] Callsign servers

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-10 00:29:57 UTC
From: Tony
Topic: 11485 Message: 11492

On 04/09/2015 04:44 PM, 'Fred KA4YBR' fred@... [gmsk_dv_node] wrote:

Regards,

Fred

Greetings Fred, may I ask if the dust has settled from the server problem recently? We'd really like to get the firmware upgrade that you indicated would be forthcoming in the https://groups.yahoo.com/neo/groups/gmsk_dv_node/conversations/topics/11415 thread.

Thank you.

11493. RE: [gmsk_dv_node] Callsign servers

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-10 04:11:02 UTC
From: J. M. Moen
Topic: 11485 Message: 11493

Bill,

The overall process of setting up a GMSK Modem-based Hotspot is documented at http://www.k6jm.com/hs-setup.htm . Check out Step 2 (Install USB driver and NATools). It shows where to get the NATools installation package.

As Fred pointed out, you need to install NATools. For many versions of Windows, when prompted whether you want a Typical, Custom or Complete install, you want to select Complete. This will then bring in not only the NATools programs but the Windows driver needed to access the GMSK Modem.

But certain versions of Windows 8 have turned on driver signature enforcement, and that prevents the above from working properly. From what I have seen, Windows 8.1 64 bit has this driver signing problem, but Win 8.1 32 bit does not. If not sure, you could simply try the easy way by doing a Complete install and see if it goes to completion or if you get a bizarre error message. In that case, check out our FAQ at http://www.gmskdvnode.info/#Windows_8 .

In English, that tells you to do a Custom install and bring in everything BUT the driver. Then it explains how to temporarily disable driver signing enforcement. Then it has you re-do a Custom install of NATools, but this time select ONLY the driver.

When done, you will have the driver needed by Windows to see the board. Plus, you will have the NAWinCFG and NAWinTEST programs that will allow you to configure the board to work with your analog radio.

Don’t mess with DVAR or other Hotspot programs until you can successfully run NAWinTEST’s Echo Test. That’s documented in Step 4 of the above web page.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, April 09, 2015 11:29 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Callsign servers

Jim,
Thanks for getting back to me, with this series of problems I have just about given up, and I hate to impose on you
Let me ask only about the last problem:
With DV Hotspot loaded onWIN 8.1 the GMSK modem (Starboard) is not found.
The DV Hotspot software does connect to reflectors if so selected from the PC screen and does receive data from the internet on the screen.

Win 8.1 is new to me and I am sorry I have it.
I followed your advice "If your PC is running 64-bit Windows 8.1, you will need to disable driver signing. Click here for how to do that <http://www.howtogeek.com/167723/how-to-disa

ble-driver-signature-verification-on-64-bit-windows-8.1-so-that-you-can-install-unsigned-drivers/> . "

It still does not find the Starboard.

I have not tried WinDV.
If I can at least get it to run with DV Hotspot, I can eliminate the Starboard as the cause of the failure with the RPi and G4KLX installation.

Bill (K2ILH)

On 04/09/15, 'J. M. Moen' jim@... [gmsk_dv_node]<gmsk_dv_node@yahoogroups.com> wrote:

Bill,
Sorry for the delay in responding. Still crazy around here.
I think you are trying to have a DVAR Hotspot issue an inbound link to a G4KLX Hotspot, am I right?
As you know, linking to a repeater, reflector, a Hotspot or AMBE PC Hotspot will work as long the linker can find the IP address of the target. D-Plus keeps track only of its own repeaters and REF reflectors. Two other callsign servers will keep track of those as well as Hotspots that use the same callsign server. G4KLX automatically makes use of the DUTCH*Star callsign server. DVAR can use that if you go to Edit > Callsign Server and select DUTCH*Star NLroot. WinDV has the same option, and it can also let you configure to use the Free*Star VE3TNK callsign server.
The key is that both the target Hotspot (your G4KLX-based system in your case) and the other system (DVAR in your case) must both be using the same callsign server.
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First, for those who have purchased a Star*DV and plan to use it on a 64-bit Windows machine, I have updated the instructions for loading the drivers. Basically, you will need to disable driver signature enforcement while installing the CDM_StarDV.
I have added the following to the installation web page for Windows users:
If your PC is running 64-bit Windows 8.1, you will need to disable driver signing. Click here for how to do that <http://www.howtogeek.com/167723/how-to-disable-driver-signature-verification-on-64-bit-windows-8.1-so-that-you-can-install-unsigned-drivers/> . Note: You

should also come back and do this step if, in the following step, your 32-bit Windows 8.1 gives you an error about "The hash for the file is not present in the specified catalog file."
Also, if you happen to possess a GMSK Modem, don’t forget that SDV will also support that at the same time as the Star*DV device. You can run both at the same time if you want.
Finally, as some of you have noticed, the initial shipment of Star*DV units has unfortunately sold out. I have ordered more, but Matrix Circuits is waiting for some back ordered parts. We are sorry for this inconvenience. We can’t give an exact date the new units will be available, but are hoping it will be in about 3 weeks. Again, sorry.
The monochrome LCDs for the Pi have finally arrived. I know they work with the SDV app, but I have not tested them with other Pi programs.
Jim – K6JM

11494. RE: [gmsk_dv_node] No decode

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-10 04:23:45 UTC
From: J. M. Moen
Topic: 739 Message: 11494

I know we have corresponded off list and you have set up your TS-2000 properly to do 9600 baud packet using the main receiver.

So when doing the steps at http://www.k6jm.com/hs-setup.htm , after successfully doing Step 2 and installing NATools (and assuming you can skip Step 3 if the firmware is already in place), can you do Step 4 and bring up NAWinCFG? Does that program see the board and report the version of firmware?

Nothing else matters until that can be done. Then you can proceed with Step 4 and run the RF Read function of NAWinTEST, and if necessary, go back to NAWinCFG to flip RX Invert and try RF Read again.

If you have done all that, but RF Read just won’t work, I would re-check the cable you built to be sure wiring is correct.

If you have done all that, sorry. I’m just trying to make sure we don’t skip something.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, April 09, 2015 1:46 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] No decode
Setting up my Dutch Star board thru my TS2000. Have audio, the leds flicker on the modem, however the software in test mode doesn't decode. Any ideas?

Thanks,
Dave
KB9MNM__
Posted by: kb9mnm@gmail.com

11495. RE: [gmsk_dv_node] No decode

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-10 04:52:15 UTC
From: kb9mnm@...
Topic: 739 Message: 11495

I can do all up to the read test. I flip the rx/TX to the proper settings, it reads the boards firmware. Could it be the beta version of the firmware? At the end it says RPTR. Is that supposed to be correct?

11496. RE: [gmsk_dv_node] No decode

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-10 16:13:42 UTC
From: J. M. Moen
Topic: 739 Message: 11496

Here is what the current Beta firmware reports when bringing up a program like NAWinCFG:

DUTCH*Star NODE V0.1.31-02I RPTR (BETA)

Let’s work on this off-list and report back here when we make progress. The odds are that either the cable is the problem or the TS-2000’s settings. I have a TS-2000 and it works well as a Hotspot radio, making up the cable being the only hard part.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, April 09, 2015 9:52 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] No decode
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Posted by: kb9mnm@...

’–·–’–––

11497. Re: RE: [gmsk_dv_node] Callsign servers

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-10 17:39:00 UTC
From: Bill Plke
Topic: 11485 Message: 11497

Thanks Fred,
That may very well be. I didn't know that the DVAR Hotspot download was without drivers. My old PC was set up years ago and I just downloaded that program to the new one to use for the test.
?
Thanks,
Bill (K2ILH)
?
On 04/09/15, 'Fred KA4YBR' fred@... [gmsk_dv_node] wrote:
?
?

Bill,
?
Looks like you do not have the (proper) drivers loaded, so the software cannot find the board (through those drivers.)? Jim has a nice FAQ which explains how to install WinDV on Windows(-8) systems, which includes information on how to install those drivers.
?
Basically, you have to grab the "NAtools for Windows" package from the website (www.dutch-star.eu (http://www.dutch-star.eu), log-in needed) and install that, keeping those installation
notes in mind.? This is a small test/config suite for those boards, which includes the drivers needed :)
?
Regards,
?
Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, April 09, 2015 2:29 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Callsign servers

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??? Jim – K6JM

11498. Re: [gmsk_dv_node] Callsign servers

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-10 19:15:04 UTC
From: Tony
Topic: 11485 Message: 11498

On March 26, you responded to a request for assistance in https://groups.yahoo.com/neo/groups/gmsk_dv_node/conversations/topics/11415 :

##########
Message 9 of 9 , Mar 26
Hi Tony,

Yeah, that was the missing link ;-) Contact me off-list... you need a firmware update for your board!

Regards, Fred KA4YBR
##########

That was after repeated contacts since 08 January with the same issue. With your 600/day, one can understand that priorities might exist.

Thank you, Fred.

On 04/09/2015 06:05 PM, Fred KA4YBR wrote:

Pse refresh my memory.... I get 600 msgs a day, and I think I just forgot

about this one... :(

--f

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, April 09, 2015 8:30 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Callsign servers

On 04/09/2015 04:44 PM, 'Fred KA4YBR' fred@... [gmsk_dv_node] wrote:

Regards,

Fred

Greetings Fred, may I ask if the dust has settled from the server problem recently? We'd really like to get the firmware upgrade that you indicated would be forthcoming in the https://groups.yahoo.com/neo/groups/gmsk_dv_node/conversations/topics/11415 thread.

Thank you.

11499. DVMEGA AMBE3000 is available

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-12 07:23:01 UTC
From: guusvandooren@...
Topic: 11499 Message: 11499

I'm pleased to let you all know that the first batch DVMEGA AMBE3000 shields are available. DVMEGA AMBE3000 shield fits on top of an Arduino MEGA. This board is equiped with a AMBE3000 CODEC and PCM3500 vocoder. The PCM3500 converts the analog microphone signal into a digital stream (PCM). And that, conversely, the digital PCM stream is converted back into an analog audio signal. The digital PCM format is 8Khz with a depth of 16 bits. DVMEGA AMBE3000 can be used as DV Dongle but also as a digital transceiver in combination with the Dual band radio shield or GMSK shield.

As an introduction offer the DVMEGA AMBE3000 shield will be delivered in conjunction with a free LF amplifier / connection board. This board is equipped with a 0.3 watt LF amplifier and connectors for Mike, Speaker and power. Later, this module can be placed on the DVMEGA open platform digital transceiver mainboard.

Firmware for a combined DV dongle and radio hotspot is abailable. As well as an experimental DMR receiver/decoder.

A like to invite everyone to take alook at the website www.dvmega.auria.nl. The first model of the DVMEGA transceiver is ready, you can find photo's on my website.

73' Guus, PE1PLM

11500. Re: DVMEGA AMBE3000 is available

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-12 08:15:06 UTC
From: decastejac@...
Topic: 11499 Message: 11500

Hi Guus!

Very interesting project to begin on digital!

73 Patrick F6GWE

11501. Re: [gmsk_dv_node] DVMEGA AMBE3000 is available

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-12 14:00:39 UTC
From: Tony
Topic: 11499 Message: 11501

On 04/12/2015 12:23 AM, guusvandooren@... [gmsk_dv_node] wrote:

...
> A like to invite everyone to take alook at the website
> www.dvmega.auria.nl. The first model of the DVMEGA transceiver is
> ready, you can find photo's on my website.

May I ask please if the "DV Raspberry PI Dual band Radio hotspot" fits
and works properly on the Raspberry Pi 2 with 40 GPIO pins?

11502. Can't Connect

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-12 18:30:27 UTC
From: the1scorpion2002@...
Topic: 11502 Message: 11502

Just Curious, I was connected to a reflector on my Star GMSK node adapter using WinDV and all was working good then suddenly the modem dropped the connection. The DDB light on the program was on and YELLOW, I have not been able to reconnect again. I tried different repeaters I had programmed on the quick tune panel and none of them seem to connect any more. I rebooted the program, also turned off the computer and rebooted it several times and no change, still can't connect to anything. I also ran the NAWin TEST again. RF Read and Echo Test, both test passed successfully. Any Ideas?

Thank You

James ve1jcs

11503. Re: Can't Connect

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-12 18:45:37 UTC
From: the1scorpion2002@...
Topic: 11502 Message: 11503

Just playing with WinDV some more and noticed that in the Gateway list all the Repeaters that were once there are all gone?
There are some DCS and XRF nodes in the list but all the other repeaters are gone and missing ?

James

11504. Re: Can't Connect

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-12 19:22:17 UTC
From: the1scorpion2002@...
Topic: 11502 Message: 11504

I think I just resolved the issue myself, the Repeater list seemed to have disappeared and by going into the Call Sign server setting in the Program Options menu and changing the server to another and resetting program the Repeater list seemed to reload. I then went back into the Program Options and re set the server to the DUTCH*Star DPNS and all seems to be working again.

Not sure why I lost the list in the first place but its working again.

James ve1jcs

11505. Re: [gmsk_dv_node] DVMEGA AMBE3000 is available

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-13 06:47:38 UTC
From: Guus Van Dooren
Topic: 11499 Message: 11505

Hello Tony,
Yes the DVMEGA modules are compatible with all Raspberry PI models (A, B, B+, V2)

On Sunday, April 12, 2015 4:30 PM, "Tony ynotssor@... [gmsk_dv_node]"
<gmsk_dv_node@yahoogroups.com> wrote:

  On 04/12/2015 12:23 AM, guusvandooren@... [gmsk_dv_node] wrote:

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> A like to invite everyone to take alook at the website
> www.dvmega.auria.nl. The first model of the DVMEGA transceiver is
> ready, you can find photo's on my website.

May I ask please if the "DV Raspberry PI Dual band Radio hotspot" fits
and works properly on the Raspberry Pi 2 with 40 GPIO pins?

11506. Re: [gmsk_dv_node] New versions of SDV for the Star*DV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-18 08:30:44 UTC
From: Jeremy J Barbouttis
Topic: 11490 Message: 11506

Hi Jim,

I thought I would download the SDV software to my Windows computer to check it out.

It won't open, however, when I click on it. I gave the permission, but it wouldn't open just the same.

May I ask about requirements, perhaps?

73s

Jeremy
VK2MJM
CCS Code: 9755

> On 10 Apr 2015, at 3:39 am, 'J. M. Moen' jim@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
>
> Rick has been busy adding features and in some cases, making performance improvements to SDV. This program will mostly be of interest to those with the Star*DV AMBE device.
>
>
> On Windows, Rick is up to version 1.53. If you have a Star*DV and use SDV on Windows, you can check the install documentation at http://www.k6jm.com/hs-setupwinstardv.htm <http://www.k6jm.com/hs-setupwinstardv.htm> or just do the following:
>
> · Go to Control Panel, Programs and uninstall Star*DV Controller
>
> · http://www.moencomm.com/downloads/stardv.msi <http://www.moencomm.com/downloads/stardv.msi> to get the latest SDV
>
>
> On the Pi, SDV version 1.23 is the latest. It is in the repository, so just do an SSH logon and issues these commands to update:
>
> apt-get update
> apt-get install --reinstall sdv
>
> This keeps the existing config file and just updates the sdv package.
>
> Jim – K6JM
>
>
>
>

11509. Non-icom repeater on the US trust server

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-21 11:13:30 UTC
From: n2tnk@...
Topic: 11509 Message: 11509

If this has been already addressed, sorry for the duplicate post.

I have a D-star repeater running now on ircddb, using a moen starboard and a pi with the g4klx software, but I am wanting also to have my repeater on the us trust server. I set up my router for the 10.0.0.2 address for the repeater, and tried to register on the trust server, but was not "seen" by the server. Am I missing a component or software or just not holding my tongue right for it to work. Thanks

Bill
W5DKD
formerly N2TNK

11510. RE: [gmsk_dv_node] Non-icom repeater on the US trust server

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-21 13:21:12 UTC
From: Woodrick, Ed
Topic: 11509 Message: 11510

Are you running Icom modules and the Icom software? If not, you can’t register on the US Trust Server. If you want ircDDB, then you need to run the ircDDB ADD-ON to the Icom software.

Ed WA4YIH

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, April 21, 2015 7:14 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Non-icom repeater on the US trust server

If this has been already addressed, sorry for the duplicate post.

I have a D-star repeater running now on ircddb, using a moen starboard and a pi with the g4klx software, but I am wanting also to have my repeater on the us trust server. I set up my router for the 10.0.0.2 address for the repeater, and tried to register on the trust server, but was not "seen" by the server. Am I missing a component or software or just not holding my tongue right for it to work. Thanks

Bill

W5DKD

formerly N2TNK

11511. For sale Moen comm Gmsk Node adapter

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-22 00:01:21 UTC
From: n2kpk@...
Topic: 11511 Message: 11511
Attachments: 2 described; binary payloads are missing from this source WARC

Selling my node adapter modem. In excellent shape.
Price. $75.00 shipped.
Jay n2gq

11512. Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-22 00:22:23 UTC
From: Buddy Brannan
Topic: 11512 Message: 11512

Hi,

OK...just getting started, and I don't know nothin. My eventual goal (apart from getting onto DSTAR some way) is to set my currently Asterisk-based repeater as dual mode analog/DSTAR, probably using Freestar*. But first, I need to be able to access DSTAR, and I don't especially want to give Icom money to do so. In part because I'm not really a fan of one company having all the DSTAR toys, and in part because from descriptions of handhelds with no keypads, using something like the Icom ID-31/ID51 if you're blind sounds like a right royal PITA. Both reasons are kind of compelling for me though...but workarounds are just a fact of life, so work around things I'm sure I will do.

First question is kind of procedural. The ircddb page says to register a gateway, you should use a callsign different from your personal one. This is a bit of a problem in the US, since we don't *get* secondary callsigns, and it's just li'l ol' me...no club, hence no club call. So how does this work? How does one set up their repeater (with associated gateway registration, I'm supposing), but still use their callsign away from home, say, on either just some radio and some other repeater, or via a hot spot? Or, is this a worry over nothing to worry about?

Then, to nuts and bolts. What bits and pieces do I need? A radio with a 9600 bps connection, or else something like a GM300, or some such? I'm seeing the DVMega board for the Pi (I have one of those) that has, apparently the chip to do the DSTAR encode and decode, plus a 10 mw transmitter. That, I gather, would be enough for a hot spot. Would it then be possible to use a USB sound card to put audio into the system instead? What about this I see on Moencomm which has provision to connect a speaker/mic?

The biggest problem is, I don't know what I don't know, and I'd be really pleased is someone wants to take this off list to chat about this so as not to bore everyone else.

Thanks,

--
Buddy Brannan, KB5ELV - Erie, PA
Phone: 814-860-3194
Mobile: 814-431-0962
Email: buddy@...

11513. Re: Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-22 15:27:09 UTC
From: MikeMoore@...
Topic: 11512 Message: 11513

Buddy, I sent you an email and will work with you offline if that helps. I looked at dstarinfo.com and there appears to be no dstar repeater in Erie so yours would be the first. While there are a few alternatives that people have built up, and there are other products that are coming, the easiest way to get on the air with DSTAR is to use an ICOM radio. The radio would operate over the air and allow you to access a repeater or hot spot.

Having said that, you are able to access the DSTAR network directly on the internet using a DVdongle on a computer. The missing piece from the components that you mentioned in your post is the vocoder which is found in the dvdongle and icom radios. There is a part called the ABME 3000 which could be added to the raspberry pi set up which could be used to duplicate the functionality of the DVdongle and computer.

I don't know if this helped or added confusion but feel free to write with more questions.
73, Mike KC2NM

11514. Re: [gmsk_dv_node] Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-22 15:51:55 UTC
From: Buddy Brannan
Topic: 11512 Message: 11514

Thanks Mike,

Your summary is about as far as I've gotten so far. I think that DVMega might be a fun project eventually :)

Here in Erie, there are guys talking about DSTAR, but no one's done anything about it. While I have philosophical issues with using proprietary codecs (also following FreeDV), practically speaking, DSTAR seems to be the thing people are mostly using most places, so off I go, kicking and screaming as usual :)

--
Buddy Brannan, KB5ELV - Erie, PA
Phone: 814-860-3194
Mobile: 814-431-0962
Email: buddy@...

> On Apr 22, 2015, at 11:27 AM, MikeMoore@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
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> Buddy, I sent you an email and will work with you offline if that helps. I looked at dstarinfo.com and there appears to be no dstar repeater in Erie so yours would be the first. While there are a few alternatives that people have built up, and there are other products that are coming, the easiest way to get on the air with DSTAR is to use an ICOM radio. The radio would operate over the air and allow you to access a repeater or hot spot.
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>
>

11515. Re: Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-22 16:31:55 UTC
From: john@...
Topic: 11512 Message: 11515

---In gmsk_dv_node@yahoogroups.com, <buddy@...> wrote :

Hi,

OK...just getting started, and I don't know nothin. My eventual goal (apart from getting onto DSTAR some way) is to set my currently Asterisk-based repeater as dual mode analog/DSTAR, probably using Freestar*. But first, I need to be able to access DSTAR, and I don't especially want to give Icom money to do so. In part because I'm not really a fan of one company having all the DSTAR toys, and in part because from descriptions of handhelds with no keypads, using something like the Icom ID-31/ID51 if you're blind sounds like a right royal PITA. Both reasons are kind of compelling for me though...but workarounds are just a fact of life, so work around things I'm sure I will do.

Icom is not the sole provider of D-STAR related products, nor are they the owner of the protocol (JARL).

Some of the other providers include:

NW Digital Radio http://nwdigitalradio.com (ThumbDV™, DV3000, UDRX-440)

http://nwdigitalradio.com

NW Digital Radio http://nwdigitalradio.com Putting the Amateur back in Amateur Radio

View on nwdigitalradi... http://nwdigitalradio.com
Preview by Yahoo

DV Access Point Dongle http://www.dvapdongle.com/DV_Access_Point_Dongle/Home.html (internet Labs, also provides the DVDongle)

DV Access Point Dongle http://www.dvapdongle.com/DV_Access_Point_Dongle/Home.html The DV Access Point Dongle connects to your PC or Intel based Mac via a USB port and provides a 2 meter Access Point for use with a D-STAR radio. Using an Internet connection, a user may connect to and communicate with D-STAR gateways and reflec...

View on www.dvapdongle.com http://www.dvapdongle.com/DV_Access_Point_Dongle/Home.html
Preview by Yahoo

DV MEGA http://www.dvmega.auria.nl/

http://www.dvmega.auria.nl/

DV MEGA http://www.dvmega.auria.nl/ Home DVMEGA is a collective name for digital voice and data related kits and modules. At this moment only D-STAR is supported.

View on www.dvmeg... http://www.dvmega.auria.nl/
Preview by Yahoo

Connect Systems - CS7000

http://www.connectsystems.com/

Untitled Document http://www.connectsystems.com/ PURCHASING INSTRUCTIONS FOR AMATEUR SALES

View on www.connec... http://www.connectsystems.com/
Preview by Yahoo

D-STAR Boards - The original DVRPTR V1 - D-STAR Repeaters and Hotspots http://dvrptr.net/

D-STAR Boards - The original DVRPTR V1 - D-STAR Repeaters and Hotspots http://dvrptr.net/
The Original DVRPTR V1 Boards. D-STAR hotspots, D-STAR repeaters. North American Edition.

View on dvrptr.net http://dvrptr.net/
Preview by Yahoo

MoenComm Star*Board D-Star GMSK Node Adapter http://www.moencomm.com

http://www.moencomm.com

MoenComm Star*Board D-Star GMSK Node Adapter http://www.moencomm.com Home Order Star*Board Settings Load Firmware Install SDV on Pi Install SDV for Windows

View on www.moen... http://www.moencomm.com
Preview by Yahoo

DUTCH*Star DV for Amateur Radio http://dutch-star.eu

http://dutch-star.eu

DUTCH*Star DV for Amateur Radio http://dutch-star.eu

View on dutch-star.eu http://dutch-star.eu
Preview by Yahoo

First question is kind of procedural. The ircddb page says to register a gateway, you should use a callsign different from your personal one. This is a bit of a problem in the US, since we don't *get* secondary callsigns, and it's just li'l ol' me...no club, hence no club call. So how does this work? How does one set up their repeater (with associated gateway registration, I'm supposing), but still use their callsign away from home, say, on either just some radio and some other repeater, or via a hot spot? Or, is this a worry over nothing to worry about?

This is simple to solve. Form a club (4 members minimum, 1 needs to be a Ham to be trustee) and apply for a club license.
http://www.arrl.org/files/file/VEs/ARRLClub%20605C-2011%20interactive.pdf
http://www.arrl.org/files/file/VEs/ARRLClub%20605C-2011%20interactive.pdf

Then, to nuts and bolts. What bits and pieces do I need? A radio with a 9600 bps connection, or else something like a GM300, or some such? I'm seeing the DVMega board for the Pi (I have one of those) that has, apparently the chip to do the DSTAR encode and decode, plus a 10 mw transmitter. That, I gather, would be enough for a hot spot. Would it then be possible to use a USB sound card to put audio into the system instead? What about this I see on Moencomm which has provision to connect a speaker/mic?

For a repeater or 'hot spot' you don't need an AMBE encoder/decoder. You need a radio to get at discriminator and modulator (usually a 9600 baud packet port -- you want flat audio). If you want to do a full up repeater, here is a blog post Converting the Kenwood TKR-820 to use with D-STAR
http://k7ve.org/blog/2010/06/converting-the-kenwood-tkr-820-to-use-with-d-star/ (Alinco's 9600 baud port has some issues and requires modification). Look in the ircddbgateway and pcrepeatercontroller files sections (as well as this group) for example radios.

http://k7ve.org/blog/2010/06/converting-the-kenwood-tkr-820-to-use-with-d-star/

Converting the Kenwood TKR-820 to use with D-STAR
http://k7ve.org/blog/2010/06/converting-the-kenwood-tkr-820-to-use-with-d-star/ Converting the Kenwood TKR-820 for use with D-STAR is almost trivial. Here is what you need to do this project.

View on k7ve.org
http://k7ve.org/blog/2010/06/converting-the-kenwood-tkr-820-to-use-with-d-star/
Preview by Yahoo

I haven't written it up yet, but the new Yaesu repeater DR-1X makes a very good D-STAR repeater (better than the Kenwoods) and you can get one for $500 brand new (cheaper than most dual band mobiles) if you get an application approved before the end of June --
http://www.yaesu.com/pdf/DR1-X_Installation_Program_Final.pdf
http://www.yaesu.com/pdf/DR1-X_Installation_Program_Final.pdf

The biggest problem is, I don't know what I don't know, and I'd be really pleased is someone wants to take this off list to chat about this so as not to bore everyone else.

Join Yahoo! groups ircddb, ircddbgateway, pcrepeatercontroller, UniversalDigitalRadio, and visit DStar101 http://www.dstar101.com/

http://www.dstar101.com/

DStar101 http://www.dstar101.com/ DStar, DSTAR, dstar, How to, tutorials, 101

View on www.dstar10... http://www.dstar101.com/
Preview by Yahoo

Thanks,

--
Buddy Brannan, KB5ELV - Erie, PA
Phone: 814-860-3194
Mobile: 814-431-0962
Email: buddy@... mailto:buddy@...

11516. RE: [gmsk_dv_node] Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-22 20:29:47 UTC
From: Woodrick, Ed
Topic: 11512 Message: 11516

Buddy,

The”proprietary” CODEC is used in just about EVERY digital two-way radio protocol, commercial and Amateur, and even lot of satellite. A CODEC actually represents a very small portion of a protocol. The JARL didn’t chose it because they wanted to create a proprietary solution, they chose it because it was the only thing that would do the job 10 years ago. Yaesu chose it, because it was the only thing that would do the job 2 years ago.

I’ve been following FreeDV from afar for a number of years. And while it has promise, it really hasn’t been able to deliver.

The reason why people want to experience D-STAR is that there is a network. There are thousands of repeater, thousands of hotspots and thousands of users on the network. The network, how it is built, the features that it provides, how it is extended is the essence of D-STAR. The CODEC is just a small, but critical piece. I wouldn’t be surprised if there are significantly more than 50,000 of these CODECs in use today.

Most people gave up on worrying about a proprietary CODEC many years ago. It’s really just not relevant any more.

Ed WA4YIH

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, April 22, 2015 11:52 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Stupid Noob Questions

Thanks Mike,

Your summary is about as far as I've gotten so far. I think that DVMega might be a fun project eventually :)

Here in Erie, there are guys talking about DSTAR, but no one's done anything about it. While I have philosophical issues with using proprietary codecs (also following FreeDV), practically speaking, DSTAR seems to be the thing people are mostly using most places, so off I go, kicking and screaming as usual :)

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Buddy Brannan, KB5ELV - Erie, PA
Phone: 814-860-3194
Mobile: 814-431-0962
Email: buddy@brannan.name<mailto:buddy@brannan.name>

> On Apr 22, 2015, at 11:27 AM, MikeMoore@IEEE.org<mailto:MikeMoore@IEEE.org> [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com<mailto:gmsk_dv_node@yahoogroups.com>> wrote:
>
> Buddy, I sent you an email and will work with you offline if that helps. I looked at dstarinfo.com and there appears to be no dstar repeater in Erie so yours would be the

first. While there are a few alternatives that people have built up, and there are other products that are coming, the easiest way to get on the air with DSTAR is to use an ICOM radio. The radio would operate over the air and allow you to access a repeater or hot spot.
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> Having said that, you are able to access the DSTAR network directly on the internet using a DVdongle on a computer. The missing piece from the components that you mentioned in your post is the vocoder which is found in the dvdongle and icom radios. There is a part called the ABME 3000 which could be added to the raspberry pi set up which could be used to duplicate the functionality of the DVdongle and computer.
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> I don't know if this helped or added confusion but feel free to write with more questions. 73, Mike KC2NM
>
>
>

11517. Re: [gmsk_dv_node] Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-23 14:10:54 UTC
From: YT9TP - Pedja
Topic: 11512 Message: 11517

On 22.04.15. 22:29, 'Woodrick, Ed' ewoodrick@... [gmsk_dv_node]
wrote:
> The”proprietary” CODEC is used in just about EVERY digital two-way radio
> protocol, commercial and Amateur, and even lot of satellite. A CODEC
> actually represents a very small portion of a protocol. The JARL didn’t
> chose it because they wanted to create a proprietary solution, they
> chose it because it was the only thing that would do the job 10 years
> ago. Yaesu chose it, because it was the only thing that would do the job
> 2 years ago.

Problem is that this is proprietary protocol. I see no reason why
protocol did not allow arbitrary protocols to be used like on almost
every other VOIP application, where two sides can agree about which
protocol to use.

That would widely open doors for hams to develop other protocols,
including some non proprietary.

Instead, we have ongoing war of the protocols, and everyone looses,
especially hams.

> Most people gave up on worrying about a proprietary CODEC many years
> ago. It’s really just not relevant any more.

That is not quite right.

Many hams and also national ham organizations do have issues with
proprietary protocols and digital voice is not in use as
much as it would be if it is really open and free.
Pedja
YT9TP

This email has been checked for viruses by Avast antivirus software.
http://www.avast.com

11518. Re: [gmsk_dv_node] Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-23 17:28:27 UTC
From: Robert Copelan
Topic: 11512 Message: 11518

I find it really interesting that people get so anal about the voice encoding/decoding protocol being proprietary but yet they:
- get into their car that has closed firmware that they are not allowed to touch or view/change the source code
- use their computer that has a CPU that is for sure proprietary and in some cases has a closed source OS
- make calls on their handy/cell phone/smartphone that contains closed components
- fire up their modern amateur transceiver that has various processors and non-open source firmware (if anyone has the firmware source code for Icom ID51,ID5100, Android app or control programs can you please send the link?)

and no one complains about any of this but the AMBE chip gets a bad rap. Maybe I misunderstand.

Robert

On Thu, Apr 23, 2015 at 10:10 AM, YT9TP - Pedja yt9tp@...t [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

>
>
> On 22.04.15. 22:29, 'Woodrick, Ed' ewoodrick@... [gmsk_dv_node]
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> That is not quite right.
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> Many hams and also national ham organizations do have issues with
> proprietary protocols and digital voice is not in use as
> much as it would be if it is really open and free.
> Pedja
> YT9TP
>
> ---
> This email has been checked for viruses by Avast antivirus software.
> http://www.avast.com
>
>
>

11519. Re: [gmsk_dv_node] Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-23 17:40:13 UTC
From: Matthew Pitts
Topic: 11512 Message: 11519

Robert,
What it boils down to is that there are hams that want to understand every part of the technology they are using, and proprietary technologies protected by software patents, like AMBE, prevent this from happening legally, since many people want to share what they've learned; after all, that is part of ham radio.

Matthew PittsN8OHU

From: "Robert Copelan rcopelan@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Thursday, April 23, 2015 1:28 PM
Subject: Re: [gmsk_dv_node] Stupid Noob Questions

I find it really interesting that people get so anal about the voice encoding/decoding protocol being proprietary but yet they:- get into their car that has closed firmware that they are not allowed to touch or view/change the source code- use their computer that has a CPU that is for sure proprietary and in some cases has a closed source OS- make calls on their handy/cell phone/smartphone that contains closed components - fire up their modern amateur transceiver that has various processors and non-open source firmware (if anyone has the firmware source code for Icom ID51,ID5100, Android app or control programs can you please send the link?) and no one complains about any of this but the AMBE chip gets a bad rap. Maybe I misunderstand. Robert

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Pedja
YT9TP

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http://www.avast.com

11520. Re: [gmsk_dv_node] Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-23 18:30:17 UTC
From: Buddy Brannan
Topic: 11512 Message: 11520

If it makes you feel any better, I do not get in my proprietary car and drive anywhere. Actually, that probably should make you feel better, and everyone else as well.

There is, however, a fundamental difference. Amateur radio is about experimentation and "improving the state of the art", at least in part. That is, at least, part of the "basis and purpose". Seems to me that fulfilling this particular bit of our "basis and purpose" isn't very easy with a proprietary black box codec.

Of course, your analogy kind of falls apart in another respect. Driving your proprietary car (well, except, not me of course) or operating your proprietary computer are things that you do, at least sometimes, because you have to. Amateur radio is not. For a closer analogy, a computer enthusiast who is interested in building and maintaining his own machine may opt for things he can modify, examine, and extend, more often than someone who just uses a computer to send emails. This may be for principled reasons or because that's just where interests lie, and he may opt for proprietary components or OS's or what have you out of convenience, or because his interests don't run to the parts that are proprietary. But since we're talking about amateur radio, it seems to me that a closed black box codec isn't congruent with being able to extend and modify and so forth and just feels contrary to the spirit of shared knowledge and open exchange that has sort of been what we do.

Of course, if your aim is strictly communication, OK.

Or I could just be wrong.

--
Buddy Brannan, KB5ELV - Erie, PA
Phone: 814-860-3194
Mobile: 814-431-0962
Email: buddy@brannan.name

> On Apr 23, 2015, at 1:28 PM, Robert Copelan rcopelan@gmail.com [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
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> YT9TP
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> http://www.avast.com
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11521. RE: [gmsk_dv_node] Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-23 19:14:37 UTC
From: Woodrick, Ed
Topic: 11512 Message: 11521

Pedja,

The answer is actually quite easy. It would be a relative piece of cake to insert different encodings into the DSTAR protocol definitions.

So what happens when you do? No one is able to hear or communicate with you.

If you've got a CODEC that's a lot better than the existing one. And is implementable in today's radio hardware (as well as being free of any legal encumbrances), then bring it forward.

Otherwise, the existing CODEC is relatively cheap and is being offered in pre-built homebrew solutions from a number of sources.

Everyone know that D-STAR isn't going to last forever. There will be a replacement. But there does need to be a significant amount of advantages that the new protocol would have to bring.

There's also the fact that most hams don't buy nor build homebrew. That's not part of the hobby that they are interested in.

So, the proprietary CODEC prevents any experimentation?

That's the most laughable out of all of this, because it's probably made a lot of experimentation a lot easier to do. It's not that D-STAR has a significant amount of infrastructure on homebrew equipment. It's not that the homebrew market has dramatically impacted what the commercial market has done.

Take a look at the latest Icom radios. They support DPLUS (a homebrew) linking. They support DSTARInfo.com (another homebrew) repeater database downloads. Homebrew has a huge impact on the new radios.

These are things that directly impact the end-user impact. These are things that make Ham Radio work as WE want it to work. The CODEC? 95% of the hams don't know nor care about it.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, April 23, 2015 10:11 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Stupid Noob Questions

On 22.04.15. 22:29, 'Woodrick, Ed' ewoodrick@ed-com.com<mailto:ewoodrick@ed-com.com> [gmsk_dv_node]
wrote:
> The"proprietary" CODEC is used in just about EVERY digital two-way radio
> protocol, commercial and Amateur, and even lot of satellite. A CODEC
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> chose it because they wanted to create a proprietary solution, they
> chose it because it was the only thing that would do the job 10 years

> ago. Yaesu chose it, because it was the only thing that would do the job
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Problem is that this is proprietary protocol. I see no reason why
protocol did not allow arbitrary protocols to be used like on almost
every other VOIP application, where two sides can agree about which
protocol to use.

That would widely open doors for hams to develop other protocols,
including some non proprietary.

Instead, we have ongoing war of the protocols, and everyone looses,
especially hams.

> Most people gave up on worrying about a proprietary CODEC many years
> ago. It’s really just not relevant any more.

That is not quite right.

Many hams and also national ham organizations do have issues with
proprietary protocols and digital voice is not in use as
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http://www.avast.com

11522. RE: [gmsk_dv_node] Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-23 19:20:28 UTC
From: Woodrick, Ed
Topic: 11512 Message: 11522

Buddy,

While close, only a portion of Amateur Radio is about “experimentation and "improving the state of the art”

From ARRL’s posting of Part 97.
The rules and regulations in this part are designed to provide an amateur radio service having a fundamental purpose as expressed in the following principles:
(a) Recognition and enhancement of the value of the amateur service to the public as a voluntary noncommercial communication service, particularly with respect to providing emergency communications.
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(c) Encouragement and improvement of the amateur service through rules which provide for advancing skills in both the communication and technical phases of the art.
(d) Expansion of the existing reservoir within the amateur radio service of trained operators, technicians, and electronics experts.
(e) Continuation and extension of the amateur's unique ability to enhance international goodwill.
95% of what makes D-STAR is outside of the CODEC. When you compare D-STAR to Fusion or to DMR or to P-25, then since they all use different modes of the same chip 100% of D-STAR is outside of the CODEC.

Ed WA4YIH

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, April 23, 2015 2:30 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Stupid Noob Questions

If it makes you feel any better, I do not get in my proprietary car and drive anywhere. Actually, that probably should make you feel better, and everyone else as well.

There is, however, a fundamental difference. Amateur radio is about experimentation and "improving the state of the art", at least in part. That is, at least, part of the "basis and purpose". Seems to me that fulfilling this particular bit of our "basis and purpose" isn't very easy with a proprietary black box codec.

Of course, your analogy kind of falls apart in another respect. Driving your proprietary car (well, except, not me of course) or operating your proprietary computer are things that you do, at least sometimes, because you have to. Amateur radio is not. For a closer analogy, a computer enthusiast who is interested in building and maintaining his own machine may opt for things he can modify, examine, and extend, more often than someone who just uses a computer to send emails. This may be for principled reasons or because that's just where interests lie, and he may opt for proprietary components or OS's or what have you out of convenience, or because his interests don't run to the parts that are proprietary. But since we're talking about amateur radio, it seems to me that a closed

black box codec isn't congruent with being able to extend and modify and so forth and just feels contrary to the spirit of shared knowledge and open exchange that has sort of been what we do.

Of course, if your aim is strictly communication, OK.

Or I could just be wrong.

--
Buddy Brannan, KB5ELV - Erie, PA
Phone: 814-860-3194
Mobile: 814-431-0962
Email: buddy@brannan.name<mailto:buddy@brannan.name>

> On Apr 23, 2015, at 1:28 PM, Robert Copelan rcopelan@gmail.com<mailto:rcopelan@gmail.com> [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com<mailto:gmsk_dv_node@yahoogroups.com>> wrote:
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> I find it really interesting that people get so anal about the voice encoding/decoding protocol being proprietary but yet they:
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> - fire up their modern amateur transceiver that has various processors and non-open source firmware (if anyone has the firmware source code for Icom ID51,ID5100, Android app or control programs can you please send the link?)
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> and no one complains about any of this but the AMBE chip gets a bad rap. Maybe I misunderstand.
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11523. Dayton 2015 Activities

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-23 19:34:29 UTC
From: Woodrick, Ed
Topic: 11523 Message: 11523

Stop by the D-STAR booth (HA0008-HA0010) and say hello!

D-STAR Activities at Dayton
For the latest updates to the schedule, check out
DSTARInfo.com<http://www.dstarinfo.com/dayton.aspx>
Thursday, May 14, 7-9 PM - Pre-Hamvention Meet, Greet, and Eyeball QSO
Marion's Piazza
1320 N Fairfield Rd
Beavercreek OH 45432
Friday, May 15, 8-11 AM - D-STAR InfoCon at Hamvention
2015<http://www.dstarinfo.com/d-star-infocon--dayton-hamvention-2015.aspx>
Drury Inn Ballroom
6616 Miller Lane
Dayton OH
Friday, May 15, 12:45-2:15 PM - D-STAR Forum
Forum Room 1
Dayton Hamvention
Friday, May 15, 6:30-8:30 PM - D-STAR Update
Drury Inn Ballroom
6616 Miller Lane
Dayton OH
DSTARInfo.com<http://www.dstarinfo.com/> for more information
Dayton D-STAR Repeaters
W8RTL C

147.1050+

W8RTL B

443.0500+

W8HEQ C

145.2700-

W8HEQ B

444.0875+

Dayton D-STAR Reflectors
The Dayton gateway will be linked to XRF038C
REF038C will also be available for the weekend
Dayton D-STAR Simplex
DARA suggests using 446.1000 Digital Code Squelch CSQL use #13 as a D-Star simplex frequency at Hamvention(r)
Don't forget to update your repeater list at www.DSTARInfo.com<http://www.DSTARInfo.com> before you start your journey!

D-STAR Affiliated Vendors at Dayton Hamvention
Icom<http://www.icomamerica.com/en/> - Booths HA0008-HA0010, HA0033-HA0037
Internet Labs - HA0028-HA0029
NW Digital Radio<http://nwdigitalradio.com/> - EH0515 (with Special Guest, GUUS of DVMega<htp://www.dvmega.auria.nl/> fame)
RT Systems<http://www.rtsystemsinc.com/> - NH0247-NH0248
If there are any corrections or additions, please drop us a note at info@...<mailto:info@...>

11524. Re: [gmsk_dv_node] Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-23 19:36:43 UTC
From: Buddy Brannan
Topic: 11512 Message: 11524

Fair enough Ed, but I believe I did say part of the basis and purpose. That DSTAR is specifically designed by and for the amateur community is a good thing as well. Anyway, I think that I read somewhere the patent on the proprietary codec is expiring soon anyway, so it's probably moot regardless.

Of course, I'm not a voice codec hacker, or for that matter, much of a programmer and even less of a builder. I'm pretty happy when things work when I turn them on.

Can I send cw with it? (Oh wait...that's another discussion forum)

--
Buddy Brannan, KB5ELV - Erie, PA
Phone: 814-860-3194
Mobile: 814-431-0962
Email: buddy@...

> On Apr 23, 2015, at 3:20 PM, 'Woodrick, Ed' ewoodrick@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
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11525. RE: [gmsk_dv_node] Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-23 19:52:00 UTC
From: Woodrick, Ed
Topic: 11512 Message: 11525

You can send CW, but you need to keep up with D-STAR DV data rate of 1000 words per minute. ☺

(if my math's right)

Ed
From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, April 23, 2015 3:37 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Stupid Noob Questions

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11526. Re: [gmsk_dv_node] Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-23 19:54:44 UTC
From: Buddy Brannan
Topic: 11512 Message: 11526

Hmm...I guess I need smaller weights on my bug then.

--
Buddy Brannan, KB5ELV - Erie, PA
Phone: 814-860-3194
Mobile: 814-431-0962
Email: buddy@brannan.name

> On Apr 23, 2015, at 3:52 PM, 'Woodrick, Ed' ewoodrick@ed-com.com [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
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>
> Fair enough Ed, but I believe I did say part of the basis and purpose. That DSTAR is specifically designed by and for the amateur community is a good thing as well. Anyway, I think that I read somewhere the patent on the proprietary codec is expiring soon anyway, so it's probably moot regardless.
>
> Of course, I'm not a voice codec hacker, or for that matter, much of a programmer and even less of a builder. I'm pretty happy when things work when I turn them on.
>
> Can I send cw with it? (Oh wait...that's another discussion forum)
>
> --
> Buddy Brannan, KB5ELV - Erie, PA
> Phone: 814-860-3194

> Mobile: 814-431-0962
> Email: buddy@...
>
> > On Apr 23, 2015, at 3:20 PM, 'Woodrick, Ed' ewoodrick@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
> >
> >
> > Buddy,
> >
> >
> >
> > While close, only a portion of Amateur Radio is about “experimentation and "improving the state of the art”
> >
> >
> >
> > From ARRL’s posting of Part 97.
> >
> > The rules and regulations in this part are designed to provide an amateur radio service having a fundamental purpose as expressed in the following principles:
> >
> > (a) Recognition and enhancement of the value of the amateur service to the public as a voluntary noncommercial communication service, particularly with respect to providing emergency communications.
> >
> > (b) Continuation and extension of the amateur's proven ability to contribute to the advancement of the radio art.
> >
> > (c) Encouragement and improvement of the amateur service through rules which provide for advancing skills in both the communication and technical phases of the art.
> >
> > (d) Expansion of the existing reservoir within the amateur radio service of trained operators, technicians, and electronics experts.
> >
> > (e) Continuation and extension of the amateur's unique ability to enhance international goodwill.
> >
> > 95% of what makes D-STAR is outside of the CODEC. When you compare D-STAR to Fusion or to DMR or to P-25, then since they all use different modes of the same chip 100% of D-STAR is outside of the CODEC.
> >
> >
> >
> > Ed WA4YIH
> >
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> >

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> >
> >
> > From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
> > Sent: Thursday, April 23, 2015 2:30 PM
> > To: gmsk_dv_node@yahoogroups.com
> > Subject: Re: [gmsk_dv_node] Stupid Noob Questions
> >
> >
> >
> >
> >
> > If it makes you feel any better, I do not get in my proprietary car and drive anywhere. Actually, that probably should make you feel better, and everyone else as well.
> >
> > There is, however, a fundamental difference. Amateur radio is about experimentation and "improving the state of the art", at least in part. That is, at least, part of the "basis and purpose". Seems to me that fulfilling this particular bit of our "basis and purpose" isn't very easy with a proprietary black box codec.
> >
> > Of course, your analogy kind of falls apart in another respect. Driving your proprietary car (well, except, not me of course) or operating your proprietary computer are things that you do, at least sometimes, because you have to. Amateur radio is not. For a closer analogy, a computer enthusiast who is interested in building and maintaining his own machine may opt for things he can modify, examine, and extend, more often than someone who just uses a computer to send emails. This may be for principled reasons or because that's just where interests lie, and he may opt for proprietary components or OS's or what have you out of convenience, or because his interests don't run to the parts that are proprietary. But since we're talking about amateur radio, it seems to me that a closed black box codec isn't congruent with being able to extend and modify and so forth and just feels contrary to the spirit of shared knowledge and open exchange that has sort of been what we do.
> >
> > Of course, if your aim is strictly communication, OK.
> >
> > Or I could just be wrong.
> >
> > --
> > Buddy Brannan, KB5ELV - Erie, PA
> > Phone: 814-860-3194
> > Mobile: 814-431-0962
> > Email: buddy@...
> >
> > > On Apr 23, 2015, at 1:28 PM, Robert Copelan rcopelan@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
> > >
> > >
> > > I find it really interesting that people get so anal about the voice

encoding/decoding protocol being proprietary but yet they:
> > > - get into their car that has closed firmware that they are not allowed to touch or view/change the source code
> > > - use their computer that has a CPU that is for sure proprietary and in some cases has a closed source OS
> > > - make calls on their handy/cell phone/smartphone that contains closed components
> > > - fire up their modern amateur transceiver that has various processors and non-open source firmware (if anyone has the firmware source code for Icom ID51,ID5100, Android app or control programs can you please send the link?)
> > >
> > > and no one complains about any of this but the AMBE chip gets a bad rap. Maybe I misunderstand.
> > >
> > > Robert
> > >
> > >
> > > On Thu, Apr 23, 2015 at 10:10 AM, YT9TP - Pedja yt9tp@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
> > >
> > > On 22.04.15. 22:29, 'Woodrick, Ed' ewoodrick@... [gmsk_dv_node]
> > > wrote:
> > > > The”proprietary” CODEC is used in just about EVERY digital two-way radio
> > > > protocol, commercial and Amateur, and even lot of satellite. A CODEC
> > > > actually represents a very small portion of a protocol. The JARL didn’t
> > > > chose it because they wanted to create a proprietary solution, they
> > > > chose it because it was the only thing that would do the job 10 years
> > > > ago. Yaesu chose it, because it was the only thing that would do the job
> > > > 2 years ago.
> > >
> > > Problem is that this is proprietary protocol. I see no reason why
> > > protocol did not allow arbitrary protocols to be used like on almost
> > > every other VOIP application, where two sides can agree about which
> > > protocol to use.
> > >
> > > That would widely open doors for hams to develop other protocols,
> > > including some non proprietary.
> > >
> > > Instead, we have ongoing war of the protocols, and everyone looses,
> > > especially hams.
> > >
> > > > Most people gave up on worrying about a proprietary CODEC many years
> > > > ago. It’s really just not relevant any more.
> > >
> > > That is not quite right.
> > >
> > > Many hams and also national ham organizations do have issues with
> > > proprietary protocols and digital voice is not in use as
> > > much as it would be if it is really open and free.
> > > Pedja
> > > YT9TP
> > >

> > > ---
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> > > http://www.avast.com
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11527. Re: [gmsk_dv_node] Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-23 22:13:58 UTC
From: Pedja YT9TP
Topic: 11512 Message: 11527

On 23.4.2015. 19:28, Robert Copelan rcopelan@... [gmsk_dv_node] wrote:
> I find it really interesting that people get so anal about the voice
> encoding/decoding protocol being proprietary but yet they:
> - get into their car that has closed firmware that they are not allowed
> to touch or view/change the source code
> - use their computer that has a CPU that is for sure proprietary and in
> some cases has a closed source OS
> - make calls on their handy/cell phone/smartphone that contains closed
> components
> - fire up their modern amateur transceiver that has various processors
> and non-open source firmware (if anyone has the firmware source code for
> Icom ID51,ID5100, Android app or control programs can you please send
> the link?)
> and no one complains about any of this but the AMBE chip gets a bad
> rap. Maybe I misunderstand.

Well, all that has nothing to do free (not like in free diner) with ham radio communication per se.

In mz country, there i sone significant limitation for ham radio communication: it is not allowed to use encryption or encoding that doe snot allow anyone else to receive and understand transmission.

Using proprietary protocol prevents that, as it requires disclosed (hidden, private) protocol to be bought to receive messages.

Few days ago, I heard from fellow ham that D-star is forbidden in France for that reason. Wikipedia confirms that.

Pedja
YT9TP

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11528. Re: [gmsk_dv_node] Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-23 22:16:14 UTC
From: Pedja YT9TP
Topic: 11512 Message: 11528

On 23.4.2015. 19:40, Matthew Pitts daywalker_blade_2004@...
[gmsk_dv_node] wrote:
> What it boils down to is that there are hams that want to understand
> every part of the technology they are using, and proprietary
> technologies protected by software patents, like AMBE, prevent this from
> happening legally, since many people want to share what they've learned;
> after all, that is part of ham radio.

Actually, it is more that ham is required to BUY equipment from one
single manufacturer to be able to communicate with others.

If manufacturers at least agreed upon single protocol, so that all
digital voice rigs can communicate among themselves, proprietary
encoding itself would be easier to swallow.

Pedja
YT9TP

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11529. Re: [gmsk_dv_node] Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-23 22:39:09 UTC
From: Matthew Pitts
Topic: 11512 Message: 11529

Unfortunately, Wikipedia isn't exactly accurate when it come to things like the legality of D-STAR in France; I would trust French Hams to know what is and isn't legal there more than I would Wikipedia. While it was considered illegal for a while, it has since been allowed by the French government, and most other governments don't seem to consider AMBE encryption, since they most likely have access to the information about the encoding that we don't have (I believe much of this is required to be made known to the governments for the patent process).
 Matthew PittsN8OHU

From: "Pedja YT9TP yt9tp@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Thursday, April 23, 2015 6:13 PM
Subject: Re: [gmsk_dv_node] Stupid Noob Questions

On 23.4.2015. 19:28, Robert Copelan rcopelan@... [gmsk_dv_node] wrote:
> I find it really interesting that people get so anal about the voice
> encoding/decoding protocol being proprietary but yet they:
> - get into their car that has closed firmware that they are not allowed
> to touch or view/change the source code
> - use their computer that has a CPU that is for sure proprietary and in
> some cases has a closed source OS
> - make calls on their handy/cell phone/smartphone that contains closed
> components
> - fire up their modern amateur transceiver that has various processors
> and non-open source firmware (if anyone has the firmware source code for
> Icom ID51,ID5100, Android app or control programs can you please send
> the link?)
> and no one complains about any of this but the AMBE chip gets a bad
> rap. Maybe I misunderstand.

Well, all that has nothing to do free (not like in free diner) with ham radio communication per se.

In mz country, there i sone significant limitation for ham radio communication: it is not allowed to use encryption or encoding that doe snot allow anyone else to receive and understand transmission.

Using proprietary protocol prevents that, as it requires disclosed (hidden, private) protocol to be bought to receive messages.

Few days ago, I heard from fellow ham that D-star is forbidden in France for that reason. Wikipedia confirms that.

Pedja
YT9TP

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11530. Re: [gmsk_dv_node] Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-23 22:41:44 UTC
From: Matthew Pitts
Topic: 11512 Message: 11530

While it's not as easy to do as simply buying a ready to operate Icom radio, you can buy the parts to use with any packet capable radio you may already own; this group is all about the node adapters for just such a thing, with the right additional parts.

Matthew PittsN8OHU

From: "Pedja YT9TP yt9tp@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Thursday, April 23, 2015 6:16 PM
Subject: Re: [gmsk_dv_node] Stupid Noob Questions

On 23.4.2015. 19:40, Matthew Pitts daywalker_blade_2004@...
[gmsk_dv_node] wrote:
> What it boils down to is that there are hams that want to understand
> every part of the technology they are using, and proprietary
> technologies protected by software patents, like AMBE, prevent this from
> happening legally, since many people want to share what they've learned;
> after all, that is part of ham radio.

Actually, it is more that ham is required to BUY equipment from one
single manufacturer to be able to communicate with others.

If manufacturers at least agreed upon single protocol, so that all
digital voice rigs can communicate among themselves, proprietary
encoding itself would be easier to swallow.

Pedja
YT9TP

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11531. Re: [gmsk_dv_node] Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-23 22:47:11 UTC
From: Pedja YT9TP
Topic: 11512 Message: 11531

On 23.4.2015. 21:14, 'Woodrick, Ed' ewoodrick@... [gmsk_dv_node]
wrote:
> The answer is actually quite easy. It would be a relative piece of cake
> to insert different encodings into the DSTAR protocol definitions.

Exactly, it was deliberate decision to enforce proprietary encoding
instead to allow arbitrary encodings to be used which is common even in
fully commercial VOIP services.

> So what happens when you do? No one is able to hear or communicate with
> you.

If arbitrary encodings are allowed, then they would be used.

> If you've got a CODEC that's a lot better than the existing one. And is
> implementable in today's radio hardware (as well as being free of any
> legal encumbrances), then bring it forward.

This is not valid argument.

As D-STAR protocol does not allow using other encodings then there is no
point in making them.

If D-STAR is open to third party encodings, then such encodings would be
developed.

There is one codec, FreeDV which is developed for similar purpose, and,
Of course, it cannot be used for D-STAR as D-STAR doe snot allow it.
But, that is not the point. It does not even matter if it is better or not.

> Otherwise, the existing CODEC is relatively cheap and is being offered
> in pre-built homebrew solutions from a number of sources.

But it is still black box. It is not known how it works. It is not
possible to reproduce that protocol without paying for patent. It is not
ham-way.

> Everyone know that D-STAR isn't going to last forever. There will be a
> replacement. But there does need to be a significant amount of
> advantages that the new protocol would have to bring.

Exactly!

Everyone knows that this digital voice protocol war among few
manufacturers cannot last forever, and that is why most hams do not get
into the game. They do not want to spend money on far to expensive rigs
that are limiting freedom of communication and that surely will become
obsolete (hopefully) quite soon.

New protocol should not provide just open encoding, but also protocol itself should be made less messy than D-STAR right now is.

> There’s also the fact that most hams don’t buy nor build homebrew.
> That’s not part of the hobby that they are interested in.

But those who do homebrew cannot do it because patents prevent that. all hams should be able to communicate among themselves regardless they bought or home-made their rigs.

> So, the proprietary CODEC prevents any experimentation?
>
> That’s the most laughable out of all of this, because it’s probably made
> a lot of experimentation a lot easier to do. It’s not that D-STAR has a
> significant amount of infrastructure on homebrew equipment. It’s not
> that the homebrew market has dramatically impacted what the commercial
> market has done.
>
> Take a look at the latest Icom radios. They support DPLUS (a homebrew)
> linking. They support DSTARInfo.com (another homebrew) repeater database
> downloads. Homebrew has a huge impact on the new radios.
>
> These are things that directly impact the end-user impact. These are
> things that make Ham Radio work as WE want it to work. The CODEC? 95% of
> the hams don’t know nor care about it.

You are again using wrong argument. D'STAR protocol is open in all sapects except encoding itself. Thus, DPLUS, STARINFO and other stuff were possible to develop.

However, commercial manufacturer still controls whole infrastructure, as they control encoding.

Unless all hams can communicate using digital voice regardless what rig they have (bought or built), it is all wrong.

I've set up the first D-STAR (and actually, the first digital voice node of any kind). It raise quite an interest among local hams. Interest lasted just up to the point they learned that have to turn to single manufacturer to be able to use technology.

Even more, our national amateur radio organization had plan to set up network of digital repeaters on national level. Project was abandoned when it is realized that it should be decided which protocol to use. As that would be direct support for commercial interests of single manufacturer, it was decided that national organization will not participate in such scheme.

Until there is one standard, open and free in all aspects, supported by all manufacturers and homebrewable, it will stay just a game for some hams and not for general ham population.

Pedja
YT9TP

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11532. Re: Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-23 23:29:55 UTC
From: john@...
Topic: 11512 Message: 11532

AMBE is a VOCODER, which is different than a CODEC.
AMBE is independent of the protocol and is used for the vocoder for many different protocols (D-STAR, Fusion, DMR, P-25 Phase 2, NXDN, dPMR, ...)
The D-STAR protocol is an open specification and has been implemented by a few individuals and companies. Including radios.
Standardization promotes interoperability. The largest deployed amateur radio standard is D-STAR
Most amateur modes were or are proprietary at some point; SSB, FM, etc.
Every modern, commercially produced radio is loaded with proprietary technology (microprocessors, DSP, displays, etc.)
AMBE is part of the D-STAR protocol, but other protocols could mix AMBE and other VOCODERs such as Codec2 (bad name choice) -- nobody is preventing the development of those protocols.
You can read the patents on AMBE if you want to understand how it works. The original patent is near sunset, but the AMBE technology has been enhanced and there are newer patents.

This group is about implementing D-STAR using GMSK modems and software, that software is mostly open source and free. It better matches the analogy of running an open OS on existing proprietary processors (x86/ARM/...)

11533. Re: [gmsk_dv_node] Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-23 23:51:37 UTC
From: Robert Copelan
Topic: 11512 Message: 11533

No sir... There are multiple options to use other radios. Guus in The Netherlands is well on the way to having a digital radio in a box with his DVMega technology to challenge Icom. Icom is not the single manufacturer as long as you do some of the technical innovation yourself (or use some of what others have contributed). If you want a plug and play solution to plug in power and the antenna and operate then for right now Icom is the only game (and they do have a good solution) in town. but that will change.

Robert

On Thu, Apr 23, 2015 at 6:16 PM, Pedja YT9TP yt9tp@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

>
>
>
>
> On 23.4.2015. 19:40, Matthew Pitts daywalker_blade_2004@...
> [gmsk_dv_node] wrote:
> > What it boils down to is that there are hams that want to understand
> > every part of the technology they are using, and proprietary
> > technologies protected by software patents, like AMBE, prevent this from
> > happening legally, since many people want to share what they've learned;
> > after all, that is part of ham radio.
>
> Actually, it is more that ham is required to BUY equipment from one
> single manufacturer to be able to communicate with others.
>
> If manufacturers at least agreed upon single protocol, so that all
> digital voice rigs can communicate among themselves, proprietary
> encoding itself would be easier to swallow.
>
> Pedja
> YT9TP
>
> ---
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>

11534. Re: [gmsk_dv_node] Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-24 00:12:38 UTC
From: Pedja YT9TP
Topic: 11512 Message: 11534

On 24.4.2015. 01:51, Robert Copelan rcopelan@... [gmsk_dv_node] wrote:
> No sir... There are multiple options to use other radios. Guus in The
> Netherlands is well on the way to having a digital radio in a box with
> his DVMega technology to challenge Icom.

It all depends on AMBE chip, which id proprietary.

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11535. Re: [gmsk_dv_node] Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-24 00:32:25 UTC
From: Matthew Pitts
Topic: 11512 Message: 11535

Pedja,
I honestly don't understand why you're here if you're so against the use of AMBE in ham digital voice systems; the chip that supports it can be purchased for use in circuits designed by hams (as John and Robert have both pointed out) so the fact that it's not "open" for modification isn't as big a deal as you make it out to be. And even if the protocol doesn't specifically state another vocoder can be used, there is nothing to stop us from doing so; as a point of fact, the DMR protocol documentation does not state what vocoder is to be used, and the majority of DMR equipment uses AMBE2+.
 Matthew PittsN8OHU

From: "Pedja YT9TP yt9tp@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Thursday, April 23, 2015 8:12 PM
Subject: Re: [gmsk_dv_node] Stupid Noob Questions

On 24.4.2015. 01:51, Robert Copelan rcopelan@... [gmsk_dv_node] wrote:
> No sir... There are multiple options to use other radios. Guus in The
> Netherlands is well on the way to having a digital radio in a box with
> his DVMega technology to challenge Icom.

It all depends on AMBE chip, which id proprietary.

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11536. RE: [gmsk_dv_node] Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-24 02:03:42 UTC
From: Woodrick, Ed
Topic: 11512 Message: 11536

Pedja,

Here in the US, we have similar regulations. The interpretation is that the AMBE chip does not encrypt the transmission.
The AMBE chip is widely available to anyone that wants to decode the voice. Just as you have to have a FM receiver to receive FM, a RTTY receive to receive RTTY, you need a AMBE chip to decode voice in D-STAR.

There is absolutely no intent of encryption with the AMBE chip. Actually, there is encryption available in the chip, but it is NOT used in D-STAR or System Fusion.

There’s actually some implementations of software that can decode the D-STAR signal without the AMBE chip. Even the newest D-STAR radios use software implementations of the protocol.

The protocol is readily available, it’s just not free. Give DVSI some money, and they’ll give you some software.

Sure, I can understand how some bureaucrats may not accept the interpretation that other countries have adopted. But the D-STAR implementation of the AMBE chips absolutely does not encrypt of obfuscate the signal.

By the way, do you have any pDMR446 devices in use in the country? I’m pretty sure that they use this exact same chip. I believe that many of the country do utilize dPMR446 and don’t believe that it’s encrypted.

Ed WA4YIH

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, April 23, 2015 6:14 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Stupid Noob Questions

On 23.4.2015. 19:28, Robert Copelan rcopelan@gmail.com<mailto:rcopelan@gmail.com>
[gmsk_dv_node] wrote:

Well, all that has nothing to do free (not like in free diner) with ham
radio communication per se.

In mz country, there i sone significant limitation for ham radio
communication: it is not allowed to use encryption or encoding that doe
snot allow anyone else to receive and understand transmission.

Using proprietary protocol prevents that, as it requires disclosed
(hidden, private) protocol to be bought to receive messages.

Few days ago, I heard from fellow ham that D-star is forbidden in France
for that reason. Wikipedia confirms that.

Pedja
YT9TP

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11537. RE: [gmsk_dv_node] Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-24 02:10:08 UTC
From: Woodrick, Ed
Topic: 11512 Message: 11537

That’s a really funny response in a forum that’s intent is to support the implementation of equipment as homebrew.

The D-STAR protocol is developed by the JARL (Japanese Amateur Regulatory League). It’s readily available to multiple manufacturers and there ARE multiple manufacturers creating D-STAR compatible equipment.

All hams agree to a single protocol? ROTFLMAO!
D-STAR was essentially the first digital protocol developed by hams for hams. Yaesu has ignored the established base and decided to come out with a newer protocol.

But there are also implementations of commercial protocols such as P-25, DMR , and a few others implemented in amateur radio worldwide.

Ed WA4YIH

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, April 23, 2015 6:16 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Stupid Noob Questions

Actually, it is more that ham is required to BUY equipment from one
single manufacturer to be able to communicate with others.

If manufacturers at least agreed upon single protocol, so that all
digital voice rigs can communicate among themselves, proprietary
encoding itself would be easier to swallow.

Pedja
YT9TP

–

11538. RE: [gmsk_dv_node] Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-24 02:25:43 UTC
From: Woodrick, Ed
Topic: 11512 Message: 11538

If arbitrary encodings were used, then people couldn’t hear each other. Having different encodings is just the same as having D-STAR vs Fusion vs D-STAR. Stations can’t communicate with each other.

Having a different CODEC IS an extremely valid point. The point being that there are no other realistic options! FreeDV has yet to be demonstrated as s suitable alternative. And if we wait for it to be, then there would be NO DIGITAL TECHNOLOGIES for Amateur Radio!

The AMBE CODEC was chosen because it WAS the ONLY suitable solution 12 years ago.

Have you looked at the D-STAR Protocol definition? If you have, I believe that you will find that there are no CODECS defined in the protocol. So yes, all of my statements are valid.

Is there anything that can replace the DVSI AMBE CODEC today? No.

Is the signal encrypted? No, it can be, but it explicitly is not because of Amateur Radio regulations.
Is the protocol open? Yes, there are MANY manufacturers developing to it.
Can you replace the CODEC? Yep. But why?

DVSI has developed a device that makes encoding voice to low data rates a piece of cake. Drop a chip into a hardware design, send PCM into it and you get a slow data stream out of it.

FreeDV running on a PC is a VERY different environment than running inside a radio. In a radio you have much slower processors, very limited memory, significant power draw requirements.
It took Icom 10 years for processors to catch up and the costs of implementation to become low enough to make sense.

Ed WA4YIH

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, April 23, 2015 6:47 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Stupid Noob Questions

On 23.4.2015. 21:14, 'Woodrick, Ed' ewoodrick@ed-com.com<mailto:ewoodrick@ed-com.com> [gmsk_dv_node]
wrote:
> The answer is actually quite easy. It would be a relative piece of cake
> to insert different encodings into the DSTAR protocol definitions.

Exactly, it was deliberate decision to enforce proprietary encoding
instead to allow arbitrary encodings to be used which is common even in
fully commercial VOIP services.

> So what happens when you do? No one is able to hear or communicate with
> you.

If arbitrary encodings are allowed, then they would be used.

> If you've got a CODEC that's a lot better than the existing one. And is
> implementable in today's radio hardware (as well as being free of any
> legal encumbrances), then bring it forward.

This is not valid argument.

As D-STAR protocol does not allow using other encodings then there is no
point in making them.

If D-STAR is open to third party encodings, then such encodings would be
developed.

There is one codec, FreeDV which is developed for similar purpose, and,
Of course, it cannot be used for D-STAR as D-STAR doe snot allow it.
But, that is not the point. It does not even matter if it is better or not.

> Otherwise, the existing CODEC is relatively cheap and is being offered
> in pre-built homebrew solutions from a number of sources.

But it is still black box. It is not known how it works. It is not
possible to reproduce that protocol without paying for patent. It is not
ham-way.

> Everyone know that D-STAR isn't going to last forever. There will be a
> replacement. But there does need to be a significant amount of
> advantages that the new protocol would have to bring.

Exactly!

Everyone knows that this digital voice protocol war among few
manufacturers cannot last forever, and that is why most hams do not get
into the game. They do not want to spend money on far to expensive rigs
that are limiting freedom of communication and that surely will become
obsolete (hopefully) quite soon.

New protocol should not provide just open encoding, but also protocol
itself should be made less messy than D-STAR right now is.

> There's also the fact that most hams don't buy nor build homebrew.
> That's not part of the hobby that they are interested in.

But those who do homebrew cannot do it because patents prevent that. all
hams should be able to communicate among themselves regardless they
bought or home-made their rigs.

> So, the proprietary CODEC prevents any experimentation?
>
> That's the most laughable out of all of this, because it's probably made
> a lot of experimentation a lot easier to do. It's not that D-STAR has a
> significant amount of infrastructure on homebrew equipment. It's not

> that the homebrew market has dramatically impacted what the commercial
> market has done.
>
> Take a look at the latest Icom radios. They support DPLUS (a homebrew)
> linking. They support DSTARInfo.com (another homebrew) repeater database
> downloads. Homebrew has a huge impact on the new radios.
>
> These are things that directly impact the end-user impact. These are
> things that make Ham Radio work as WE want it to work. The CODEC? 95% of
> the hams don’t know nor care about it.

You are again using wrong argument. D'STAR protocol is open in all
sapects except encoding itself. Thus, DPLUS, STARINFO and other stuff
were possible to develop.

However, commercial manufacturer still controls whole infrastructure, as
they control encoding.

Unless all hams can communicate using digital voice regardless what rig
they have (bought or built), it is all wrong.

I've set up the first D-STAR (and actually, the first digital voice node
of any kind). It raise quite an interest among local hams. Interest
lasted just up to the point they learned that have to turn to single
manufacturer to be able to use technology.

Even more, our national amateur radio organization had plan to set up
network of digital repeaters on national level. Project was abandoned
when it is realized that it should be decided which protocol to use. As
that would be direct support for commercial interests of single
manufacturer, it was decided that national organization will not
participate in such scheme.

Until there is one standard, open and free in all aspects, supported by
all manufacturers and homebrewable, it will stay just a game for some
hams and not for general ham population.

Pedja
YT9TP

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http://www.avast.com

11539. RE: [gmsk_dv_node] Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-24 02:49:01 UTC
From: Woodrick, Ed
Topic: 11512 Message: 11539

There have probably been 50,000 D-STAR radios sold WITHOUT THE AMBE CHIP. So you lost yet another argument.

Honestly, everybody who is responding to you went through this argument with themselves and then thousands of others 5+ years ago. I've seen John, Robert, and Matthew answer this many, many times in the past.

While I know that Serbia's laws are different, there are repeaters or hotspots in Bulgaria, Romania, Hungary, Greece, Slovakia, Czech Republic, Poland, Italy, Germany, and the remainder of Europe.
Yes, that includes France. Yes, there are 21 repeaters or hotspots listed in France. There are over 47 countries with D-STAR. There's over 36,000 users registered worldwide, plus more that are not registered.

So, feel free to think what you want. But this concept was put to bed many years ago. EVERYTHING that you have said, has been said before. And it's been answered hundreds of times.

New technologies are different and some people just can't adapt. I have no problem with that (although I do feel sorry for these people).

If you don't believe that D-STAR is legal, then please move along. Please go find some other modes that make you happy (of course this rules out dPMR, DMR, P-25, Yaesu Fusion, D-STAR and about every other digital VHF/UHF mode) . There are other people who believe that it is and want to discuss what can be done to make it even better.

Want to get really upset. A large number of folks are using D-STAR on HF!

Ed WA4YIH

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, April 23, 2015 8:13 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Stupid Noob Questions

On 24.4.2015. 01:51, Robert Copelan rcopelan@gmail.com<mailto:rcopelan@gmail.com>
[gmsk_dv_node] wrote:
> No sir... There are multiple options to use other radios. Guus in The
> Netherlands is well on the way to having a digital radio in a box with
> his DVMega technology to challenge Icom.

It all depends on AMBE chip, which id proprietary.

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11540. Re: [gmsk_dv_node] Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-24 07:28:18 UTC
From: decastejac@...
Topic: 11512 Message: 11540

Hi Pedja!

A question, what do you do in this group? You know something? The Dstar and DMR are not forbidden in France! And miracle, we have even repeaters! That it! Tnx

73 de Patrick F6GWE

11541. Re: [gmsk_dv_node] Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-24 07:44:54 UTC
From: Pedja YT9TP
Topic: 11512 Message: 11541

On 24.4.2015. 00:41, Matthew Pitts daywalker_blade_2004@...
[gmsk_dv_node] wrote:
> While it's not as easy to do as simply buying a ready to operate Icom
> radio, you can buy the parts to use with any packet capable radio you
> may already own; this group is all about the node adapters for just such
> a thing, with the right additional parts.

I know. I built one.

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11542. Re: [gmsk_dv_node] Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-24 08:13:36 UTC
From: Pedja YT9TP
Topic: 11512 Message: 11542

On 24.4.2015. 04:03, 'Woodrick, Ed' ewoodrick@... [gmsk_dv_node]
wrote:
> Here in the US, we have similar regulations. The interpretation is that
> the AMBE chip does not encrypt the transmission.

I did not say it uses encryption.

> The AMBE chip is widely available to anyone that wants to decode the
> voice. Just as you have to have a FM receiver to receive FM, a RTTY
> receive to receive RTTY, you need a AMBE chip to decode voice in D-STAR.

Exept, I can build FM recever and RTTY receiver (or even build the car)
without requirement to pay anyone for the rights to do so.

> There’s actually some implementations of software that can decode the
> D-STAR signal without the AMBE chip. Even the newest D-STAR radios use
> software implementations of the protocol.

Yes, I know. There is also open source version of AMBE encoder/decoder,
but as it is illegal to do so, authors are kept anonymous, to avoid
prosecution. for the very same reason no one uses that code (at least
not publicly).

That is not ham radio.

> The protocol is readily available, it’s just not free. Give DVSI some
> money, and they’ll give you some software.

And that is against ham way of doing things.

> By the way, do you have any pDMR446 devices in use in the country? I’m
> pretty sure that they use this exact same chip. I believe that many of
> the country do utilize dPMR446 and don’t believe that it’s encrypted.

I cannot tell. But they are not allowed. I would like to try it. But,
anyways, that is not ham radio.

Pedja
YT9TP

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11543. Re: [gmsk_dv_node] Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-24 08:31:15 UTC
From: Pedja YT9TP
Topic: 11512 Message: 11543

On 24.4.2015. 04:49, 'Woodrick, Ed' ewoodrick@... [gmsk_dv_node]
wrote:
> There have probably been 50,000 D-STAR radios sold WITHOUT THE AMBE
> CHIP. So you lost yet another argument.

I want to build one. Can you point me to right direction?

> While I know that Serbia’s laws are different, there are repeaters or
> hotspots in Bulgaria, Romania, Hungary, Greece, Slovakia, Czech
> Republic, Poland, Italy, Germany, and the remainder of Europe.

There are two in Serbia. One of them I set up.

> New technologies are different and some people just can’t adapt. I have
> no problem with that (although I do feel sorry for these people).

You get me wrong.

I just advocate for principle that hams should use protocols that are
accessible to everyone without requirement to pay anyone rights to use them.

I am not for baning D-STAR or any other digital voice protocol. I just
don't see the point to limit myself using them.

Maybe I am just coming from other ham school, which teaches you that you
can build rig on your own and communicate.

It is ismplz wrong ide that, although I have hardware powerful to do
maybe hundreds digital encoding processes at a time, but I cannot do it
until I buy a specific chip.

Requirement for the chip is not technological issue. That chip does
nothing so fancy. It is solely commercial requirement. That is what
turns red lights.

> Want to get really upset. A large number of folks are using D-STAR on HF!

Only thing that upsets me is that digital voice is rejected by hams and
stays in minor use just because commercial interests of few companies.

Until all digital ham rigs can talk to each other it will stay that way.

Sorry if I upset someone. That was not my intention.

Pedja
YT9TP

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11544. Re: [gmsk_dv_node] Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-24 08:43:44 UTC
From: Pedja YT9TP
Topic: 11512 Message: 11544

On 24.4.2015. 09:28, decastejac@... [gmsk_dv_node] wrote:
> A question, what do you do in this group? You know something? The Dstar
> and DMR are not forbidden in France! And miracle, we have even
> repeaters! That it! Tnx

I searched a bit and found several places with information that it is forbidden and none that it is not. Did quick check and found no node in France, but I was not thorough on that.

I guess, current information is available in French which I cannot read.

I did not mean anything bad. Actually, I was stunned that it is even possible that it is actually directly forbidden somewhere.

Best 73
Pedja YT9TP

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11545. RE: [gmsk_dv_node] Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-24 15:01:38 UTC
From: Woodrick, Ed
Topic: 11512 Message: 11545

If you can’t read French, check at www.DSTARInfo.com<http://www.DSTARInfo.com>. That’s where I got my information.

It WAS illegal, but the rules changed a few years ago.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Friday, April 24, 2015 4:44 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Stupid Noob Questions

On 24.4.2015. 09:28, decastejac@hotmail.com<mailto:decastejac@hotmail.com> [gmsk_dv_node] wrote:
> A question, what do you do in this group? You know something? The Dstar
> and DMR are not forbidden in France! And miracle, we have even
> repeaters! That it! Tnx

I searched a bit and found several places with information that it is forbidden and none that it is not. Did quick check and found no node in France, but I was not thorough on that.

I guess, current information is available in French which I cannot read.

I did not mean anything bad. Actually, I was stunned that it is even possible that it is actually directly forbidden somewhere.

Best 73
Pedja YT9TP

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11546. RE: [gmsk_dv_node] Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-24 15:26:36 UTC
From: Woodrick, Ed
Topic: 11512 Message: 11546

Pedja,

The world has changed. Well, then again, maybe not. Do you know that AM was once patented? SSB? Television? FM?

I certainly hope that you don’t want Amateurs to use only old, patent expired modes.

“Those that cannot remember the past are condemned to repeat it” George Santayana

Ed WA4YIH

11547. Re: [gmsk_dv_node] Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-24 15:59:40 UTC
From: Matthew Pitts
Topic: 11512 Message: 11547

Pedja,

I disagree with you about what is keeping hams from adopting digital voice. It's not the fact that there are multiple incompatible modes, or that those modes use a proprietary encoding technique; it's that the vast majority of hams see no point to digitizing their voice to do what they are already capable of doing with an analog transceiver.

Matthew Pitts
N8OHU

On April 24, 2015 4:31:15 AM EDT, "Pedja YT9TP yt9tp@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:
>
>
>On 24.4.2015. 04:49, 'Woodrick, Ed' ewoodrick@... [gmsk_dv_node]
>
>wrote:
>> There have probably been 50,000 D-STAR radios sold WITHOUT THE AMBE
>> CHIP. So you lost yet another argument.
>
>I want to build one. Can you point me to right direction?
>
>> While I know that Serbia’s laws are different, there are repeaters or
>> hotspots in Bulgaria, Romania, Hungary, Greece, Slovakia, Czech
>> Republic, Poland, Italy, Germany, and the remainder of Europe.
>
>There are two in Serbia. One of them I set up.
>
>
>> New technologies are different and some people just can’t adapt. I
>have
>> no problem with that (although I do feel sorry for these people).
>
>You get me wrong.
>
>I just advocate for principle that hams should use protocols that are
>accessible to everyone without requirement to pay anyone rights to use
>them.
>
>I am not for baning D-STAR or any other digital voice protocol. I just
>don't see the point to limit myself using them.
>
>Maybe I am just coming from other ham school, which teaches you that
>you
>can build rig on your own and communicate.
>

>It is ismplz wrong ide that, although I have hardware powerful to do
>maybe hundreds digital encoding processes at a time, but I cannot do it
>
>until I buy a specific chip.
>
>Requirement for the chip is not technological issue. That chip does
>nothing so fancy. It is solely commercial requirement. That is what
>turns red lights.
>
>> Want to get really upset. A large number of folks are using D-STAR on
>HF!
>
>Only thing that upsets me is that digital voice is rejected by hams and
>
>stays in minor use just because commercial interests of few companies.
>
>Until all digital ham rigs can talk to each other it will stay that
>way.
>
>Sorry if I upset someone. That was not my intention.
>
>Pedja
>YT9TP
>
>
>---
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>http://www.avast.com

--
Sent from my Moto X with K-9 Mail. Please excuse my brevity.

11548. Re: [gmsk_dv_node] Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-24 16:53:56 UTC
From: YT9TP - Pedja
Topic: 11512 Message: 11548

> I disagree with you about what is keeping hams from adopting digital
> voice. It's not the fact that there are multiple incompatible modes, or
> that those modes use a proprietary encoding technique; it's that the
> vast majority of hams see no point to digitizing their voice to do what
> they are already capable of doing with an analog transceiver.

I guess it depends on community. Over here, hams like the idea od
digital voice and data mode and all possibilities that go with it, but
don't like the implementation.
Pedja

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11549. RE: [gmsk_dv_node] Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-24 17:01:48 UTC
From: Kent Hufford
Topic: 11512 Message: 11549

“to do what they are already capable of doing with an analog transceiver.”

Some AM’ers still believe that SSB will never take off.

Kent

KQ4KK

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Friday, April 24, 2015 12:54 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Stupid Noob Questions

> I disagree with you about what is keeping hams from adopting digital
> voice. It's not the fact that there are multiple incompatible modes, or
> that those modes use a proprietary encoding technique; it's that the
> vast majority of hams see no point to digitizing their voice to do what
> they are already capable of doing with an analog transceiver.

I guess it depends on community. Over here, hams like the idea od
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Pedja

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11550. RE: [gmsk_dv_node] Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-24 17:07:02 UTC
From: Woodrick, Ed
Topic: 11512 Message: 11550

If you don’t like the implementation, then either fix it or just live with it.

Complaining about something that isn’t solvable just isn’t worth the effort.

If you believe that it is solvable, then show us the answer. Show us something that you believe could be a replacement. DON’T show us theoretical stuff, give us reality.
And since it’s going to take us a lot of money to change, you probably ought to show additional features/capabilities as well.

But again, AM, SSB, FM, TV were all patented protocols at one point in time. Why is this any different?

And what do you mean by “over here” Maybe in your little, little section of the world, but definitely not in Europe. Poland, Germany, and Italy, all close neighbors of yours have readily adapted D-STAR. And some of them didn’t like the initial implementations and they fixed it. But they all still use the same VOCODER. When you actually get to know D-STAR you realize just how insignificant the VOCODER actually is. And you realize just how ubiquitous that it really is.

Ed WA4YIH

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Friday, April 24, 2015 12:54 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Stupid Noob Questions

> I disagree with you about what is keeping hams from adopting digital
> voice. It's not the fact that there are multiple incompatible modes, or
> that those modes use a proprietary encoding technique; it's that the
> vast majority of hams see no point to digitizing their voice to do what
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don't like the implementation.
Pedja

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11551. Re: [gmsk_dv_node] Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-24 17:24:41 UTC
From: Robert Copelan
Topic: 11512 Message: 11551

Where have been several iterations of innovation already in the DStar Digital implementation world that are moving state of the art communications forward at a much lower cost than Icom solutions.
I apologize for not listing all names and/or organizations here but no time to look them up right now.

- first was the creation of the OPEN DStar Protocol by the JARL This started it all.
- Icom released their DStar solutions and have enhanced them through at least 3 innovation cycles.
- then some US folks created the US Trust
- then Robin created DPlus, DVAP and DVDongle to open up access where there were no repeaters and to give conference rooms (REFlectors)
- G4KLK wrote his suite of programs. Some parallel solutions also exist.
- the XREFlector and DCS ecosystems were created
- the GMSK modem boards were created by some folks in Japan (callsigns I don't remember then enhanced by Matrix Circuits/Moencomm, Guus in The Netherlands and Folks in Europe and Canada.
- Pi and Arudino radios boards were created by Guus
- AMBE x000 boards of various types were created by NW Digital, Guus and Matrix Circuits/Moencomm
- a working radio is available using components from Guus, in testing at NW Digital and in planning/development by Connect Systems
- somewhere along the way Ed et.al. created dstarinfo.com. Other websites also provide good real time info about the various eco systems.

If someone finds a way to eliminate the need for the AMBE chip/program at a lower cost then I'm sure that it will be adopted. Keep in mind that doing all of this in software requires hardware and the cost of that hardware (fast processor) could exceed the total cost of the AMBE... But you and your colleagues should attempt that if it is important for you. As seen above others have tackled parts of the ecosystem and we are better for it.

Robert
Wb4DHC

On Fri, Apr 24, 2015 at 12:53 PM, YT9TP - Pedja yt9tp@...
[gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

>
>
> > I disagree with you about what is keeping hams from adopting digital
> > voice. It's not the fact that there are multiple incompatible modes, or
> > that those modes use a proprietary encoding technique; it's that the
> > vast majority of hams see no point to digitizing their voice to do what
> > they are already capable of doing with an analog transceiver.

>
> I guess it depends on community. Over here, hams like the idea od
> digital voice and data mode and all possibilities that go with it, but
> don't like the implementation.
> Pedja
>
> ---
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> http://www.avast.com
>
>
>

11552. RE: [gmsk_dv_node] Stupid Noob Questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-24 18:21:01 UTC
From: Ted Wrobel
Topic: 11512 Message: 11552

Hi Folks,

And lastly, perhaps, Icom does not use the AMBE chip in their latest radios. They licensed the software and embedded it in the radio software.

73
Ted
W1GRI

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Friday, April 24, 2015 1:25 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Stupid Noob Questions

Where have been several iterations of innovation already in the DStar Digital implementation world that are moving state of the art communications forward at a much lower cost than Icom solutions. I apologize for not listing all names and/or organizations here but no time to look them up right now.

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Robert

Wb4DHC

On Fri, Apr 24, 2015 at 12:53 PM, YT9TP - Pedja yt9tp@... <mailto:yt9tp@uzice.net> [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com> > wrote:

> I disagree with you about what is keeping hams from adopting digital
> voice. It's not the fact that there are multiple incompatible modes, or
> that those modes use a proprietary encoding technique; it's that the
> vast majority of hams see no point to digitizing their voice to do what
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Pedja

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_____

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Version: 2015.0.5941 / Virus Database: 4331/9568 - Release Date: 04/18/15

11553. ID-5100A DStar issues Moen Comm Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-26 22:52:16 UTC
From: k8omg@...
Topic: 11553 Message: 11553

I have a Matrix Circuits/Moen Comm with the latest beta Dutch*Star firmware. It's connected to a Rpi and it's connected to a Kenwood TM-V71. Everything runs great, I finally got the pot TX on the board to be just right, but the ID-5100 doesn't want to decode all of the audio. It drops the signal every few seconds. I also noticed this happening when I use the Cleveland D-Star repeater on the ID-5100A. This is very frustrating as I spent a lot of cash on this radio, and it's the only part of the radio I'm not thrilled with. It is very hard to carry on conversations over the DStar network because every 5 seconds there it drops the signal. Here is an example of what I experienced.

Icom id-5100 dstar decode issues moen star board https://youtu.be/Xl99YtNe4fo

https://youtu.be/Xl99YtNe4fo

Icom id-5100 dstar decode issues moen star board https://youtu.be/Xl99YtNe4fo Help!

View on youtu.be https://youtu.be/Xl99YtNe4fo
Preview by Yahoo

If there is consensus that more work needs to be done with the TX pot, I'll try it, but I fear it's a radio issue with both the hotspot modem, and the Cleveland repeater. Which, of course, are the only two dstar options I have. I'll grab a video of the issue on the Cleveland repeater. At which point, I may pay the restocking fee and take the radio back, a shame though because it's awesome in every other respect.

If there is anyone within a few miles of Akron, I'd love to see if they experience the same issue on my hotspot.

Thanks All!
J

11554. RE: [gmsk_dv_node] ID-5100A DStar issues Moen Comm Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-27 02:56:33 UTC
From: Woodrick, Ed
Topic: 11553 Message: 11554

WX in upper right corner.

You’ve got the Weather alert turned on. It scans every 5 seconds.

Ed WA4YIH

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Sunday, April 26, 2015 6:52 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] ID-5100A DStar issues Moen Comm Modem

I have a Matrix Circuits/Moen Comm with the latest beta Dutch*Star firmware. It's connected to a Rpi and it's connected to a Kenwood TM-V71. Everything runs great, I finally got the pot TX on the board to be just right, but the ID-5100 doesn't want to decode all of the audio. It drops the signal every few seconds. I also noticed this happening when I use the Cleveland D-Star repeater on the ID-5100A. This is very frustrating as I spent a lot of cash on this radio, and it's the only part of the radio I'm not thrilled with. It is very hard to carry on conversations over the DStar network because every 5 seconds there it drops the signal. Here is an example of what I experienced.

Icom id-5100 dstar decode issues moen star board<https://youtu.be/Xl99YtNe4fo>

[image]<https://youtu.be/Xl99YtNe4fo>

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Help!

View on youtu.be <https://youtu.be/Xl99YtNe4fo>

Preview by Yahoo

If there is consensus that more work needs to be done with the TX pot, I'll try it, but I fear it's a radio issue with both the hotspot modem, and the Cleveland repeater. Which, of course, are the only two dstar options I have. I'll grab a video of the issue on the Cleveland repeater. At which point, I may pay the restocking fee and take the radio back, a shame though because it's awesome in every other respect.

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Thanks All!

J

11555. RE: [gmsk_dv_node] ID-5100A DStar issues Moen Comm Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-27 09:31:58 UTC
From: k8omg@...
Topic: 11553 Message: 11555

I own this man lunch! I have no idea how that was turned on. Did a quick test from my garage and had no drop out. Thanks for taking the time to watch that video. Great community here, thanks to everyone that reached out via mail as well. I'll report back if the problem is gone with the Cleveland Repeater as well.
J-k8omg

11557. Dayton’s Friday Evening D-STAR at the Drury Inn

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-29 02:47:45 UTC
From: Woodrick, Ed
Topic: 11557 Message: 11557
Attachments: 3 described; binary payloads are missing from this source WARC

Dayton’s Friday Evening D-STAR at the Drury Inn

Friday evening’s D-STAR at the Drury Inn event will follow the Dayton Hamvention’s theme of “Homebrew Radio” and talk about Homebrew D-STAR.
Homebrew has been a big part of D-STAR since the very beginning. It’s been homebrew that’s driven D-STAR to where it is today.
Here’s some topics we expect to cover.

· [http://ts1.mm.bing.net/th?&id=JN.eWryhIfv3aakHPVUgEtXgg&w=300&h=300&c=0&pid=1.9&rs=0&p=0&r=0] <http://www.bing.com/images/search?q=homebrew+radios&view=detailv2&&&id=8F38DE38926868520F8FDB943AF55F15215D93E6&selectedIndex=2&ccid=vd1LrC18&simid=608028448952748943&thid=JN.eWryhIfv3aakHPVUgEtXgg> D-STAR Today - Statistics

· P-25 from Icom

· Learning how to use your new radio the easy way

· Updating your radio

· The options currently available with homebrew

· Samples of homebrew

· Homebrew by the developers

· Your Homebrew
Yes, the last subject is Your Homebrew. We want to see your homebrew. If you are going to be joining us Friday evening, please bring it along with you. If you aren’t going to be joining us, please send us a description and picture. We want everyone to see the options available.
Here’s what we need from you!
For those sending in your homebrew pictures, as well as those bringing their homebrew, here’s what we’d like to see

Ø A picture of your homebrew solution

Ø A short description of what it is

Ø A list of the parts and pieces

Ø If you have links to any additional information or where the parts may be obtained.

[cid:image003.jpg@01D08205.57351B90]

If you can send us the information as s single PowerPoint page, that would be great! Try not to get the font too small. People in the back of the room won’t be able to appreciate your masterpiece.

Please send your submissions to Pictures@...<mailto:Pictures@...>
When and Where
Friday, May 15, 6:30-8:30 PM – D-STAR Update
Drury Inn Ballroom
6616 Miller Lane
Dayton OH

Light refreshments will be provided

Check www.DSTARInfo.com<http://www.DSTARInfo.com> for up to date information.

11558. Re: GMSK Node Adapter and a Motorola CDM 1250 - It works!!

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-04-29 09:56:05 UTC
From: k8omg@...
Topic: 9745 Message: 11558

I just bought one from Moen's site, I didn't want any more X-factors in my first D-Star hot spot setup :)

11559. Re: For sale Moen comm Gmsk Node adapter

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-01 00:46:56 UTC
From: the1scorpion2002@...
Topic: 11511 Message: 11559

still available?

11560. RE: Dayton’s Friday Evening D-STAR at the Drury Inn

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-01 02:16:08 UTC
From: Woodrick, Ed
Topic: 11557 Message: 11560
Attachments: 2 described; binary payloads are missing from this source WARC

I’ve received a few, very few pictures so far.

Isn’t just about everything on this forum homebrew? Please send me your pictures. Even the little things, like which case you use, how you cable your solution. All of these are things that people like to see.

SEND US YOUR PICTURES!

Pictures@DSTARInfo.com<mailto:Pictures@...>

Ed WA4YIH

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, April 28, 2015 10:48 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Dayton’s Friday Evening D-STAR at the Drury Inn

Dayton’s Friday Evening D-STAR at the Drury Inn

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• P-25 from Icom

• Learning how to use your new radio the easy way

• Updating your radio

• The options currently available with homebrew

• Samples of homebrew

• Homebrew by the developers

• Your Homebrew
Yes, the last subject is Your Homebrew. We want to see your homebrew. If you are going to be joining us Friday evening, please bring it along with you. If you aren’t going to be joining us, please send us a description and picture. We want everyone to see the options available.
Here’s what we need from you!

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> A picture of your homebrew solution

> A short description of what it is

> A list of the parts and pieces

> If you have links to any additional information or where the parts may be obtained.

[cid:image002.jpg@01D08393.4180DDE0]

If you can send us the information as s single PowerPoint page, that would be great! Try not to get the font too small. People in the back of the room won’t be able to appreciate your masterpiece.

Please send your submissions to Pictures@...<mailto:Pictures@...>
When and Where
Friday, May 15, 6:30-8:30 PM – D-STAR Update
Drury Inn Ballroom
6616 Miller Lane
Dayton OH

Light refreshments will be provided

Check www.DSTARInfo.com<http://www.DSTARInfo.com> for up to date information.

11561. Running 2 copies of WinDV on the same laptop?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-04 05:25:14 UTC
From: carl@...
Topic: 11561 Message: 11561

I have WinDV version 1.5.8-1 running on a ASUS laptop running Windows 8.1 with a GMSK modem board to create a hotspot.

On the same laptop I would like install a second instance of WinDV and configure it for use with a NW Digital Radio ThumbDV dongle. I will not use both instances at the same time.

Can I run two instances of WinDV on the same laptop and if so, how do I go about do this?

73
Carl WA0CQG
carl@esteys.net

11562. WinDV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-04 05:43:31 UTC
From: Jeremy J Barbouttis
Topic: 6799 Message: 11562

I have been having a little problem with WinDV.

1. It connects to DCS reflectors well.

2. It connects to XRF reflectors, but doesn’t show on the relevant dashboard.

3. It doesn’t connect to DPlus nodes, despite following the instructions on the DutchStar Website for set-up.

4. The ircDDB quadnet doesn’t seem to work either.

I have opened the ports on the router as I have for the Pi running G4KLX with the Star Board.

I am running it with a DVAP.

Any help appreciated.

73s

Jeremy
VK2MJM
CCS Code: 9755

11563. RE: [gmsk_dv_node] WinDV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-04 12:38:42 UTC
From: Woodrick, Ed
Topic: 6799 Message: 11563

If it’s not connecting to the DPlus nodes, the callsign that you are using to connect to DPlus is probably not fully registered. First guess would be that you are specifying a module letter when connecting to DPlus, such as VK2MJMB, whereas it should be VK2MJM only.

Ed WA4YIH

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, May 4, 2015 1:44 AM
To: 'J. M. Moen' jim@k6jm.com [gmsk_dv_node]
Subject: [gmsk_dv_node] WinDV

I have been having a little problem with WinDV.

1. It connects to DCS reflectors well.

2. It connects to XRF reflectors, but doesn’t show on the relevant dashboard.

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I am running it with a DVAP.

Any help appreciated.

73s

Jeremy
VK2MJM
CCS Code: 9755

11564. RE: [gmsk_dv_node] Running 2 copies of WinDV on the same laptop?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-04 13:53:10 UTC
From: Fred KA4YBR
Topic: 11561 Message: 11564

Hi,

That is currently not possible... WinDV uses a single (registry-based) configuration,
it does not support "profiles".

What I usually do: I create a basic configuration for it, and then 'save' it using the
Registry Editior. Once saved, I modify it, and save it again, with a different name.

You can then "load" these using the registry editor.

Not pretty, but at least that works....

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, May 04, 2015 1:25 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Running 2 copies of WinDV on the same laptop?

I have WinDV version 1.5.8-1 running on a ASUS laptop running Windows 8.1 with a GMSK modem board to create a hotspot.

On the same laptop I would like install a second instance of WinDV and configure it for use with a NW Digital Radio ThumbDV dongle. I will not use both instances at the same time.

Can I run two instances of WinDV on the same laptop and if so, how do I go about do this?

73

Carl WA0CQG

carl@...

11565. RE: [gmsk_dv_node] WinDV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-04 13:59:08 UTC
From: Fred KA4YBR
Topic: 6799 Message: 11565

There's two things here.

1. The NODE (so, the WinDV program) should use a "full callsign", meaning, a callsign
that includes a band module identifier (usually A, B or C, depending on the band on
which the radio (usually) operates.) DCS requires it, DExtra sometimes (depending
on which reflector is being connected to). For DPlus, that band module should also
be registered on a G2 gateway (where the callsign itself was also registered.)

DPlus requires this "full callsign" to be registered, or it will not let you transmit on the
connected reflector (R/O connection) !

2. The STATION (so, the person transmitting "through" the NODE) should normally use
a standard callsign (so, just the callsign itself), and that callsign obviously should be
registered.

If a node does not connect to a reflector AT ALL, this has nothing to do with registration
status. That usually means reflector error, network error, or wrong IP address info. DPlus
does NOT require ports to be opened on a router. DExtra and DCS usually do.

Fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, May 04, 2015 8:39 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] WinDV

If it's not connecting to the DPlus nodes, the callsign that you are using to connect to DPlus is probably not fully registered. First guess would be that you are specifying a module letter when connecting to DPlus, such as VK2MJMB, whereas it should be VK2MJM only.

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Sent: Monday, May 4, 2015 1:44 AM

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Subject: [gmsk_dv_node] WinDV

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I am running it with a DVAP.

Any help appreciated.

73s

Jeremy
VK2MJM
CCS Code: 9755

11566. Re: [gmsk_dv_node] Running 2 copies of WinDV on the same laptop?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-05 07:27:33 UTC
From: Estey Carl
Topic: 11561 Message: 11566

Fred -

Thanks for the info - I have enough ironsinirons in the fire so think I will no tackle reg edit!

73
Carl WA0CQG

> On May 4, 2015, at 8:53 AM, 'Fred KA4YBR' fred@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
>
> Hi,
>
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> Sent: Monday, May 04, 2015 1:25 AM
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>
> Can I run two instances of WinDV on the same laptop and if so, how do I go about do this?
>
> 73
> Carl WA0CQG
> carl@...t
>
>

>
>

11567. Re: [gmsk_dv_node] WinDV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-05 12:19:43 UTC
From: Jeremy J Barbouttis
Topic: 6799 Message: 11567

Hi Fred,

Thank you for your reply.

I am using a full callsign with band that is registered with a G2 gateway.

It would appear that I cannot connect to any of the Dplus reflectors I tried or any of the XRF Reflectors I tried.

The Link status shows connect failed in red on DPLUS attempts.

With XRF reflectors, it either doesn’t link, or does link but shows no activity on the relevant dashboards, i.e. my callsign doesn’t show under software clients or linked gateways, or under last heard.

I have another hotspot working fine with a different software, G4KLX, on the same network.

I am using Win DV on a little windows laptop.

It has no problem, however, connecting to DCS reflectors.

Any ideas?

Thanks.

73s

Jeremy
VK2MJM
CCS Code: 9755

> On 4 May 2015, at 11:59 pm, 'Fred KA4YBR' fred@dutch-star.eu [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
>
> There's two things here.
>
> 1. The NODE (so, the WinDV program) should use a "full callsign", meaning, a callsign
> that includes a band module identifier (usually A, B or C, depending on the band on
> which the radio (usually) operates.) DCS requires it, DExtra sometimes (depending
> on which reflector is being connected to). For DPlus, that band module should also
> be registered on a G2 gateway (where the callsign itself was also registered.)
>
> DPlus requires this "full callsign" to be registered, or it will not let you transmit on the
> connected reflector (R/O connection) !
>
> 2. The STATION (so, the person transmitting "through" the NODE) should normally use

> a standard callsign (so, just the callsign itself), and that callsign obviously should be
> registered.
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> If a node does not connect to a reflector AT ALL, this has nothing to do with
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> status. That usually means reflector error, network error, or wrong IP address info.
DPlus
> does NOT require ports to be opened on a router. DExtra and DCS usually do.
>
> Fred
>
> From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>
[mailto:gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>]
> Sent: Monday, May 04, 2015 8:39 AM
> To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>
> Subject: RE: [gmsk_dv_node] WinDV
>
>
>
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DPlus is probably not fully registered. First guess would be that you are specifying a
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>
>
> Ed WA4YIH
>
> <>
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> Sent: Monday, May 4, 2015 1:44 AM
> To: 'J. M. Moen' jim@... <mailto:jim@...> [gmsk_dv_node]
> Subject: [gmsk_dv_node] WinDV
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>
>
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> I have been having a little problem with WinDV.
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> 4. The ircDDB quadnet doesn’t seem to work either.
>
> I have opened the ports on the router as I have for the Pi running G4KLX with the Star
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>

> I am running it with a DVAP.
>
> Any help appreciated.
>
> 73s
>
> Jeremy
> VK2MJM
> CCS Code: 9755
>
>
>
>
>

11568. RE: [gmsk_dv_node] WinDV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-05 14:27:10 UTC
From: Fred KA4YBR
Topic: 6799 Message: 11568

Jeremy,

No, I would need a logfile for that. Can you enable logging (level 6 or so), reboot
the software, then try to connect to several reflectors, and then use the BugReport
feature to send it in? That *should* give me an idea of what's going on...

--fred

_____

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, May 05, 2015 8:20 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] WinDV

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Fred

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Sent: Monday, May 04, 2015 8:39 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] WinDV

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Ed WA4YIH

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Sent: Monday, May 4, 2015 1:44 AM
To: 'J. M. Moen' jim@... [gmsk_dv_node]
Subject: [gmsk_dv_node] WinDV

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Jeremy
VK2MJM
CCS Code: 9755

11569. Re: [gmsk_dv_node] with Win 8.1

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-05 15:00:02 UTC
From: Bill Plke
Topic: 11569 Message: 11569

?Jim,
You and Fred were right (of course) about having to get the driver for DVAR Hotspot from NATools and your instruction on disabling the driver signing was helpful in doing so. The DVAR Hotspot found the Starboard.

The system does work, perfectly for traffic from the internet, but when processing an RF signal it occasionally hangs up and the PC hardware info shows it has lost the gmsk adaptor. I have found that if I disconnect the Starboard and reconnect, and then restart DVAR Hotspot, normal operation resumed.

Just restarting either one has no benefit. The PC shows? no connection to the Starboard until the it is recycled and the DVAR Hot Spot must be restarted to find the recycled Starboard.

The moment of failure is when, after several exchanges, an RF transmission begins, never during an RF transmission or during input from the internet

I believe Fred had originally mentioned? a "bit blocker". Suggestions?
?
Bill (K2ILH)
?
On 03/31/15, 'J. M. Moen' jim@... [gmsk_dv_node] wrote:
?
?

First, for those who have purchased a Star*DV and plan to use it on a 64-bit Windows machine, I have updated the instructions for loading the drivers.? Basically, you will need to disable driver signature enforcement while installing the CDM_StarDV.
I have added the following to the installation web page for Windows users:
If your PC is running 64-bit Windows 8.1, you will need to disable driver signing.? Click here for how to do that (http://www.howtogeek.com/167723/how-to-disable-driver-signature-verification-on-64-bit-windows-8.1-so-that-you-can-install-unsigned-drivers/).? Note: You should also come back and do this step if, in the following step, your 32-bit Windows 8.1 gives you an error about "The hash for the file is not present in the specified catalog file."

??? Jim – K6JM

11570. RE: [gmsk_dv_node] with Win 8.1

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-05 16:56:31 UTC
From: Woodrick, Ed
Topic: 11569 Message: 11570

I'd start looking for RF getting back into things.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, May 5, 2015 11:00 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] with Win 8.1

Jim,
You and Fred were right (of course) about having to get the driver for DVAR Hotspot from NATools and your instruction on disabling the driver signing was helpful in doing so. The DVAR Hotspot found the Starboard.

The system does work, perfectly for traffic from the internet, but when processing an RF signal it occasionally hangs up and the PC hardware info shows it has lost the gmsk adaptor. I have found that if I disconnect the Starboard and reconnect, and then restart DVAR Hotspot, normal operation resumed.

Just restarting either one has no benefit. The PC shows no connection to the Starboard until the it is recycled and the DVAR Hot Spot must be restarted to find the recycled Starboard.

The moment of failure is when, after several exchanges, an RF transmission begins, never during an RF transmission or during input from the internet

I believe Fred had originally mentioned a "bit blocker". Suggestions?

Bill (K2ILH)

On 03/31/15, 'J. M. Moen' jim@k6jm.com<mailto:jim@k6jm.com> [gmsk_dv_node]<gmsk_dv_node@yahoogroups.com<mailto:gmsk_dv_node@yahoogroups.com>> wrote:

First, for those who have purchased a Star*DV and plan to use it on a 64-bit Windows machine, I have updated the instructions for loading the drivers. Basically, you will need to disable driver signature enforcement while installing the CDM_StarDV.

I have added the following to the installation web page for Windows users:

If your PC is running 64-bit Windows 8.1, you will need to disable driver signing. Click here for how to do that<http://www.howtogeek.com/167723/how-to-disable-driver-signature-verification-on-64-bit-windows-8.1-so-that-you-can-install-unsigned-drivers/>. Note: You should also come back and do this step if, in the following step, your 32-bit Windows 8.1 gives you an error about "The hash for the file is not present in the specified catalog file."

Jim – K6JM

11571. GSMK Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-05 18:58:58 UTC
From: Vince p
Topic: 11571 Message: 11571

Hello everyone.

Can any one let me know does the Moencomm GSMK Board work with the Raspberry Pi2 B+ running G4KLX software and would there be any issues. I am asking because it seems that everyone is running Star DV. I would like to use G4KLX Software only.
Thank you.
Vince

11572. Re: [gmsk_dv_node] GSMK Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-05 19:13:29 UTC
From: Jesse Lindley
Topic: 11571 Message: 11572

Yes, the Moencomm board works great with a pi 2 and G4KLX software.

K4AX

On May 5, 2015 2:58 PM, "Vince p ve3elb@yahoo.com [gmsk_dv_node]"
<gmsk_dv_node@yahoogroups.com> wrote:

Hello everyone.

Can any one let me know does the Moencomm GSMK Board work with the Raspberry Pi2 B+ running G4KLX software and would there be any issues. I am asking because it seems that everyone is running Star DV. I would like to use G4KLX Software only.
Thank you.
Vince

11573. RE: [gmsk_dv_node] GSMK Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-05 19:17:25 UTC
From: steve gibbs
Topic: 11571 Message: 11573

Yes I'm using the quad core raspberry pi with g4klx software it works fine

The top software on the download page will work

Steve

Sent from my Sony Xperia™ smartphone

---- Vince p ve3elb@... [gmsk_dv_node] wrote ----

Hello everyone.

Can any one let me know does the Moencomm GSMK Board work with the Raspberry Pi2 B+ running G4KLX software and would there be any issues. I am asking because it seems that everyone is running Star DV. I would like to use G4KLX Software only.
Thank you.
Vince

11574. Re: [gmsk_dv_node] GSMK Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-05 19:24:14 UTC
From: Dave Webb KB1PVH
Topic: 11571 Message: 11574

Vince,

You will also need the Beta firmware for your MoenComm board to use the G4KLX software on the Pi. You can request it through the Dutch-Star website.

11575. Re: RE: [gmsk_dv_node] with Win 8.1

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-05 19:32:14 UTC
From: Bill PIke
Topic: 11569 Message: 11575

RF? Working fine with the traffic from internet and transmitter running.
Failure occurs in the receive mode, that is RF input from the antenna.
Sorry I didn't make that clear.
?

?
Bill Pike
?
On 05/05/15, 'Woodrick, Ed' ewoodrick@... [gmsk_dv_node] wrote:
?
?

I’d start looking for RF getting back into things.
?
From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, May 5, 2015 11:00 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] with Win 8.1
?
?
?Jim,
You and Fred were right (of course) about having to get the driver for DVAR Hotspot from NATools and your instruction on disabling the driver signing was helpful in doing so. The DVAR Hotspot found the Starboard.

The system does work, perfectly for traffic from the internet, but when processing an RF signal it occasionally hangs up and the PC hardware info shows it has lost the gmsk adaptor. I have found that if I disconnect the Starboard and reconnect, and then restart DVAR Hotspot, normal operation resumed.

Just restarting either one has no benefit. The PC shows? no connection to the Starboard until the it is recycled and the DVAR Hot Spot must be restarted to find the recycled Starboard.

The moment of failure is when, after several exchanges, an RF transmission begins, never during an RF transmission or during input from the internet

I believe Fred had originally mentioned? a "bit blocker". Suggestions?
?
Bill (K2ILH)
?
On 03/31/15, 'J. M. Moen'jim@... [gmsk_dv_node]<gmsk_dv_node@yahoogroups.com> wrote:
?
?
First, for those who have purchased a Star*DV and plan to use it on a 64-bit Windows machine, I have updated the instructions for loading the drivers.? Basically, you will need

to disable driver signature enforcement while installing the CDM_StarDV.
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If your PC is running 64-bit Windows 8.1, you will need to disable driver signing.?Click here for how to do that (http://www.howtogeek.com/167723/how-to-disable-driver-signature-verification-on-64-bit-windows-8.1-so-that-you-can-install-unsigned-drivers/).? Note: You should also come back and do this step if, in the following step, your 32-bit Windows 8.1 gives you an error about "The hash for the file is not present in the specified catalog file."
?
??? Jim – K6JM

11576. Re: RE: [gmsk_dv_node] with Win 8.1

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-05 19:34:03 UTC
From: steve gibbs
Topic: 11569 Message: 11576

It sometimes locks up someone's when the ident goes the sound don't come out but other than that it's fine my node is mb6nk in the UK

Sent from my Sony Xperia™ smartphone

---- Bill PIke k2ilh@... [gmsk_dv_node] wrote ----

RF? Working fine with the traffic from internet and transmitter running.
Failure occurs in the receive mode, that is RF input from the antenna.
Sorry I didn't make that clear.

Bill Pike

On 05/05/15, 'Woodrick, Ed' ewoodrick@... [gmsk_dv_node]<gmsk_dv_node@yahoogroups.com> wrote:

I’d start looking for RF getting back into things.

From: gmsk_dv_node@yahoogroups.com<mailto:gmsk_dv_node@yahoogroups.com> [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, May 5, 2015 11:00 AM
To: gmsk_dv_node@yahoogroups.com<mailto:gmsk_dv_node@yahoogroups.com>
Subject: Re: [gmsk_dv_node] with Win 8.1

Jim,
You and Fred were right (of course) about having to get the driver for DVAR Hotspot from NATools and your instruction on disabling the driver signing was helpful in doing so. The DVAR Hotspot found the Starboard.

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I believe Fred had originally mentioned a "bit blocker". Suggestions?

Bill (K2ILH)

On 03/31/15, 'J. M. Moen'jim@...<mailto:jim@...> [gmsk_dv_node]<gmsk_dv_node@yahoogroups.com<mailto:gmsk_dv_node@yahoogroups.com>> wrote:

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Jim – K6JM

11577. Re: [gmsk_dv_node] GSMK Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-05 19:35:51 UTC
From: steve gibbs
Topic: 11571 Message: 11577

Yeah and also you need the right g4klx software not all of the klx software works in it on the western d-star site the top 3 downloads work with the pi b plus and also has the options for the gmsk board aswell

Sent from my Sony Xperia™ smartphone

---- Dave Webb KB1PVH kb1pvh@... [gmsk_dv_node] wrote ----

Vince,

You will also need the Beta firmware for your MoenComm board to use the G4KLX software on the Pi. You can request it through the Dutch-Star website.

11578. DPlus Reflector Linking

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-06 01:53:59 UTC
From: chipmckcmo@...
Topic: 11578 Message: 11578

I am using a Star Board with WinDV. It has run for a couple of months. It unlinked and I am not getting the Gateway settings correctly input. My goal is to link pretty much only to REF030C reflector. What should the gateway setting be for this configuration? My call is registered as a C terminal. I am running out of hair to pull out. Ideas?

11579. Re: [gmsk_dv_node] GSMK Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-06 03:29:27 UTC
From: Vince P
Topic: 11571 Message: 11579

Thank You all for all the replies. I will get the board and setup a hotspot. again thank you.

Vince.

> On May 5, 2015, at 3:35 PM, steve gibbs sgibbs1@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
>
> Yeah and also you need the right g4klx software not all of the klx software works in it on the western d-star site the top 3 downloads work with the pi b plus and also has the options for the gmsk board aswell
>
> Sent from my Sony Xperia™ smartphone
>
>
>
> ---- Dave Webb KB1PVH kb1pvh@... [gmsk_dv_node] wrote ----
>
>
>
> Vince,
>
> You will also need the Beta firmware for your MoenComm board to use the G4KLX software on the Pi. You can request it through the Dutch-Star website.
>
>
>
>

11580. Re: [gmsk_dv_node] GSMK Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-06 08:52:31 UTC
From: Steve Gibbs
Topic: 11571 Message: 11580

True u do

Sent from my Sony Xperia™ smartphone

---- Dave Webb KB1PVH kb1pvh@yahoo.com [gmsk_dv_node] wrote ----

>
>
>Vince,
>
>You will also need the Beta firmware for your MoenComm board to use the G4KLX software on the Pi. You can request it through the Dutch-Star website.
>
>
>
><!-- #ygrp-mkp { border: 1px solid #d8d8d8; font-family: Arial; margin: 10px 0; padding: 0 10px; } #ygrp-mkp hr { border: 1px solid #d8d8d8; } #ygrp-mkp #hd { color: #628c2a; font-size: 85%; font-weight: 700; line-height: 122%; margin: 10px 0; } #ygrp-mkp #ads { margin-bottom: 10px; } #ygrp-mkp .ad { padding: 0 0; } #ygrp-mkp .ad p { margin: 0; } #ygrp-mkp .ad a { color: #0000ff; text-decoration: none; } #ygrp-sponsor #ygrp-lc { font-family: Arial; } #ygrp-sponsor #ygrp-lc #hd { margin: 10px 0px; font-weight: 700; font-size: 78%; line-height: 122%; } #ygrp-sponsor #ygrp-lc .ad { margin-bottom: 10px; padding: 0 0; } #actions { font-family: Verdana; font-size: 11px; padding: 10px 0; } #activity { background-color: #e0ecee; float: left; font-family: Verdana; font-size: 10px; padding: 10px; } #activity span { font-weight: 700; } #activity span:first-child { text-transform: uppercase; } #activity span a { color: #5085b6; text-decoration: none; } #activity span span { color: #ff7900; } #activity span .underline { text-decoration: underline; } .attach { clear: both; display: table; font-family: Arial; font-size: 12px; padding: 10px 0; width: 400px; } .attach div a { text-decoration: none; } .attach img { border: none; padding-right: 5px; } .attach label { display: block; margin-bottom: 5px; } .attach label a { text-decoration: none; } blockquote { margin: 0 0 0 4px; } .bold { font-family: Arial; font-size: 13px; font-weight: 700; } .bold a { text-decoration: none; } dd.last p a { font-family: Verdana; font-weight: 700; } dd.last p span { margin-right: 10px; font-family: Verdana; font-weight: 700; } dd.last p span.yshortcuts { margin-right: 0; } div.attach-table div div a { text-decoration: none; } div.attach-table { width: 400px; } div.file-title a, div.file-title a:active, div.file-title a:hover, div.file-title a:visited { text-decoration: none; } div.photo-title a, div.photo-title a:active, div.photo-title a:hover, div.photo-title a:visited { text-decoration: none; } div#ygrp-mlmsg #ygrp-msg p a span.yshortcuts { font-family: Verdana; font-size: 10px; font-weight: normal; } .green { color: #628c2a; } .MsoNormal { margin: 0 0 0 0; } o { font-size: 0; } #photos div { float: left; width: 72px; } #photos div div { border: 1px solid #666666; height: 62px; overflow: hidden; width: 62px; } #photos div label { color: #666666; font-size: 10px; overflow: hidden; text-align: center; white-space: nowrap; width: 64px; } #reco-category { font-size: 77%; } #reco-desc { font-size: 77%; } .replbq { margin: 4px; } #ygrp-actbar div a:first-child { /* border-right: 0px solid #000;*/ margin-right: 2px; padding-right: 5px; } #ygrp-mlmsg { font-size: 13px; font-family:

Arial, helvetica,clean, sans-serif; *font-size: small; *font: x-small; } #ygrp-mlmsg table { font-size: inherit; font: 100%; } #ygrp-mlmsg select, input, textarea { font: 99% Arial, Helvetica, clean, sans-serif; } #ygrp-mlmsg pre, code { font:115% monospace; *font-size:100%; } #ygrp-mlmsg * { line-height: 1.22em; } #ygrp-mlmsg #logo { padding-bottom: 10px; } #ygrp-msg p a { font-family: Verdana; } #ygrp-msg p#attach-count span { color: #1E66AE; font-weight: 700; } #ygrp-reco #reco-head { color: #ff7900; font-weight: 700; } #ygrp-reco { margin-bottom: 20px; padding: 0px; } #ygrp-sponsor #ov li a { font-size: 130%; text-decoration: none; } #ygrp-sponsor #ov li { font-size: 77%; list-style-type: square; padding: 6px 0; } #ygrp-sponsor #ov ul { margin: 0; padding: 0 0 0 8px; } #ygrp-text { font-family: Georgia; } #ygrp-text p { margin: 0 0 1em 0; } #ygrp-text tt { font-size: 120%; } #ygrp-vital ul li:last-child { border-right: none !important; } -->

11581. New file uploaded to gmsk_dv_node

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-06 13:21:08 UTC
From: gmsk_dv_node@yahoogroups.com
Topic: 160 Message: 11581

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the gmsk_dv_node
group.

File : /Radio Files/Icom/rs91_v1.1.zip
Uploaded by : novaroboticsuk <quadrant@...>
Description : ICOM IC-E91 D-Star Control and Programing Software v1.1

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/gmsk_dv_node/files/Radio%20Files/Icom/rs91_v1.1.zip

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

novaroboticsuk <quadrant@...>

11583. Re: [gmsk_dv_node] WinDV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-07 11:46:39 UTC
From: Jeremy J Barbouttis
Topic: 6799 Message: 11583

Hi Fred,

Thank you for your reply.

I have following your instructions and sent the bug report.

I await your diagnosis.

Many thanks,

Jeremy

73s

Jeremy
VK2MJM
CCS Code: 9755

> On 6 May 2015, at 12:27 am, 'Fred KA4YBR' fred@... [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com> wrote:
>
>
> Jeremy,
>
> No, I would need a logfile for that. Can you enable logging (level 6 or so), reboot
> the software, then try to connect to several reflectors, and then use the BugReport
> feature to send it in? That *should* give me an idea of what's going on...
>
> --fred
>
> From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>
[mailto:gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>]
> Sent: Tuesday, May 05, 2015 8:20 AM
> To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>
> Subject: Re: [gmsk_dv_node] WinDV
>
>
> Hi Fred,
>
>
>
> Thank you for your reply.
>
> I am using a full callsign with band that is registered with a G2 gateway.
>
> It would appear that I cannot connect to any of the Dplus reflectors I tried or any of
the XRF Reflectors I tried.

>
> The Link status shows connect failed in red on DPLUS attempts.
>
> With XRF reflectors, it either doesn’t link, or does link but shows no activity on the relevant dashboards, i.e. my callsign doesn’t show under software clients or linked gateways, or under last heard.
>
> I have another hotspot working fine with a different software, G4KLX, on the same network.
>
> I am using Win DV on a little windows laptop.
>
> It has no problem, however, connecting to DCS reflectors.
>
> Any ideas?
>
>
> Thanks.
>
>
> 73s
>
> Jeremy
> VK2MJM
> CCS Code: 9755
>
>
>
>
>> On 4 May 2015, at 11:59 pm, 'Fred KA4YBR' fred@dutch-star.eu <mailto:fred@...> [gmsk_dv_node] <gmsk_dv_node@...m <mailto:gmsk_dv_node@yahoogroups.com>> wrote:
>>
>>
>> There's two things here.
>>
>> 1. The NODE (so, the WinDV program) should use a "full callsign", meaning, a callsign
>> that includes a band module identifier (usually A, B or C, depending on the band on
>> which the radio (usually) operates.) DCS requires it, DExtra sometimes (depending
>> on which reflector is being connected to). For DPlus, that band module should also
>> be registered on a G2 gateway (where the callsign itself was also registered.)
>>
>> DPlus requires this "full callsign" to be registered, or it will not let you transmit on the
>> connected reflector (R/O connection) !
>>
>> 2. The STATION (so, the person transmitting "through" the NODE) should normally use
>> a standard callsign (so, just the callsign itself), and that callsign obviously should be
>> registered.
>>

>> If a node does not connect to a reflector AT ALL, this has nothing to do with registration
>> status. That usually means reflector error, network error, or wrong IP address info. DPlus
>> does NOT require ports to be opened on a router. DExtra and DCS usually do.
>>
>> Fred
>>
>> From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com> [mailto:gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>]
>> Sent: Monday, May 04, 2015 8:39 AM
>> To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>
>> Subject: RE: [gmsk_dv_node] WinDV
>>
>>
>>
>> If it’s not connecting to the DPlus nodes, the callsign that you are using to connect to DPlus is probably not fully registered. First guess would be that you are specifying a module letter when connecting to DPlus, such as VK2MJMB, whereas it should be VK2MJM only.
>>
>>
>> Ed WA4YIH
>>
>> <>
>> From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com> [mailto:gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>]
>> Sent: Monday, May 4, 2015 1:44 AM
>> To: 'J. M. Moen' jim@... <mailto:jim@...> [gmsk_dv_node]
>> Subject: [gmsk_dv_node] WinDV
>>
>>
>>
>>
>>
>> I have been having a little problem with WinDV.
>>
>> 1. It connects to DCS reflectors well.
>>
>> 2. It connects to XRF reflectors, but doesn’t show on the relevant dashboard.
>>
>> 3. It doesn’t connect to DPlus nodes, despite following the instructions on the DutchStar Website for set-up.
>>
>> 4. The ircDDB quadnet doesn’t seem to work either.
>>
>> I have opened the ports on the router as I have for the Pi running G4KLX with the Star Board.
>>
>> I am running it with a DVAP.
>>
>> Any help appreciated.

>>
>> 73s
>>
>> Jeremy
>> VK2MJM
>> CCS Code: 9755
>>
>>
>>
>>
>
>
>
>

11584. RE: [gmsk_dv_node] New versions of SDV for the Star*DV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-09 01:54:27 UTC
From: J. M. Moen
Topic: 11490 Message: 11584

Jeremy,

Sorry for the delay on this group email – been busy with direct email support. The latest version of SDV for Windows is 1.54. We have run it on XP, Vista, Win7 (32 & 64) and Win8/8.1 (32 & 64) including the 32 bit Win8.1 on the WinBook tablet. From time to time, a particular PC has problems, sometimes tracing back to USB issues. Sometimes those are fixable. If not, Rick has some alternate software we can send you.

This is older post and you may have solved the problem. If not, please email me directly and we'll figure it out. Let me know which version of Windows and whether 32 or 64 bit. As you can see in the installation instructions at http://www.k6jm.com/hs-setupwinstardv.htm , the process is a little different for Win8.1/64 bit or any machine that has driver signing enforcement turned on. (My Win8.1 WinBook did not have that enabled.)

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, April 18, 2015 1:31 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] New versions of SDV for the Star*DV
Hi Jim,
I thought I would download the SDV software to my Windows computer to check it out.
It won't open, however, when I click on it. I gave the permission, but it wouldn't open just the same.

May I ask about requirements, perhaps?

73s

Jeremy
VK2MJM
CCS Code: 9755

11585. RE: [gmsk_dv_node] Non-icom repeater on the US trust server

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-09 02:06:55 UTC
From: J. M. Moen
Topic: 11509 Message: 11585

Following up on the reply from Ed WA4YIH – I have read about people who have a legal copy of the ICOM Gateway software running, and who have stopped running the ICOM G2 software but continue to run the registration software. They run ircDDBGateway as their gateway software, allowing their users the ability to do linking by DPlus, DExtra, DCS as well as both ICOM-style callsign routing using ircDDB and CCS routing. Properly configured, these repeaters were accepted by US Trust.

Keep in mind that DPlus routing done by ircDDBGateway is done as a client (e.g Hotspot, DVAP, Dongle etc.) not as a DPlus Gateway. So your repeater would not show up in the DPlus list of other DPLus gateways.

If you want to run ircDDBGateway as your gateway software, the main advantage of being on the US Trust is being able to offer your users the registration page.

But if you also want to be a DPlus Gateway, not a DPlus Client, you are better off giving up ircDDBGateway (and DExtra, DCS and CCS linking) and running the full ICOM G2 system with, as Ed noted, the ircDDB add-in.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, April 21, 2015 4:13 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Non-icom repeater on the US trust server
If this has been already addressed, sorry for the duplicate post.
I have a D-star repeater running now on ircddb, using a moen starboard and a pi with the g4klx software, but I am wanting also to have my repeater on the us trust server. I set up my router for the 10.0.0.2 address for the repeater, and tried to register on the trust server, but was not "seen" by the server. Am I missing a component or software or just not holding my tongue right for it to work. Thanks
Bill
W5DKD
formerly N2TNK

11586. RE: [gmsk_dv_node] Non-icom repeater on the US trust server

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-09 11:57:59 UTC
From: vk4tux@...
Topic: 11509 Message: 11586

IrcDDBGateway works fine with the original dplus and without any loss of functionality.

ZL2VH

See

https://123.255.47.67/ https://123.255.47.67/
set security exception then go to ;

http://123.255.47.67/ http://123.255.47.67/

see the status

http://dsync.dstar.info/gw_status.php?gw=ZL2VH
http://dsync.dstar.info/gw_status.php?gw=ZL2VH

Doesn't get better than that, win win

Still in the DVTool DVAPTool list , and on gateway connections in dplus dashboards,
but connectible to every d-star system with gateway loaded host files.

Adrian ... vk4tux

11587. STar*DV Controller rpm

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-10 10:39:03 UTC
From: Adrian
Topic: 11587 Message: 11587
Attachments: 1 described; binary payloads are missing from this source WARC

```
Processing files: stardv-1.55-1.fc22.x86_64
Provides: stardv = 1.55-1.fc22 stardv(x86-64) = 1.55-1.fc22
Requires(rpmlib): rpmlib(CompressedFileNames) <= 3.0.4-1
rpmlib(FileDigests) <= 4.6.0-1 rpmlib(PayloadFilesHavePrefix) <= 4.0-1
Requires: libGL.so.1()(64bit) libQt5Core.so.5()(64bit)
libQt5Gui.so.5()(64bit) libQt5Multimedia.so.5()(64bit)
libQt5Network.so.5()(64bit) libQt5Widgets.so.5()(64bit)
libc.so.6()(64bit) libc.so.6(GLIBC_2.14)(64bit)
libc.so.6(GLIBC_2.2.5)(64bit) libc.so.6(GLIBC_2.3.4)(64bit)
libc.so.6(GLIBC_2.4)(64bit) libftd2xx.so.1()(64bit)
libgcc_s.so.1()(64bit) libgcc_s.so.1(GCC_3.0)(64bit) libm.so.6()(64bit)
libm.so.6(GLIBC_2.2.5)(64bit) libpthread.so.0()(64bit)
libsamplerate.so.0()(64bit)
libsamplerate.so.0(libsamplerate.so.0.0)(64bit) libstdc++.so.6()(64bit)
libstdc++.so.6(CXXABI_1.3)(64bit) libstdc++.so.6(GLIBCXX_3.4)(64bit)
libusb-1.0.so.0()(64bit) rtld(GNU_HASH)
Processing files: stardv-debuginfo-1.55-1.fc22.x86_64
Checking for unpackaged file(s): /usr/lib/rpm/check-files
/root/rpmbuild/BUILDROOT/stardv-1.55-1.fc22.x86_64
Wrote: /root/rpmbuild/RPMS/x86_64/stardv-1.55-1.fc22.x86_64.rpm
Wrote: /root/rpmbuild/RPMS/x86_64/stardv-debuginfo-1.55-1.fc22.x86_64.rpm
Executing(%clean): /bin/sh -e /var/tmp/rpm-tmp.4WTLHt
+ umask 022
+ cd /root/rpmbuild/BUILD
+ cd stardv-1.55
+ rm -rf /root/rpmbuild/BUILDROOT/stardv-1.55-1.fc22.x86_64
+ exit 0
[root@fedora22desk SPECS]#

root@fedora22desk x86_64]# dnf install stardv-1.55-1.fc22.x86_64.rpm
Last metadata expiration check performed 4:04:29 ago on Sun May 10
16:27:45 2015.
Dependencies resolved.
================================================================================
================================================
Package Arch Version
Repository Size
================================================================================
================================================
Installing:
stardv x86_64 1.55-1.fc22
@commandline 182 k
```

```
Transaction Summary
================================================================================
================================================
Install 1 Package

Total size: 182 k
Installed size: 492 k
Is this ok [y/N]: y
Downloading Packages:
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
Installing : stardv-1.55-1.fc22.x86_64 1/1
Verifying : stardv-1.55-1.fc22.x86_64 1/1

Installed:
stardv.x86_64 1.55-1.fc22

Complete!
[root@fedora22desk x86_64]
```

Test

Will install on FC18 >> FC22

stardv-1.55-1.fc22.x86_64.rpm
<http://vk4tux.duckdns.org/XDL5DIrpms/fc22x86_64/stardv-1.55-1.fc22.x86_64.rpm>
2015-May-10 20:21:34 182.1K application/x-rpm

armv7hl version next (PI2)

Adrian ... vk4tux

11588. Star*DV on a Windows XP machine

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-10 15:38:05 UTC
From: n3pzt@...
Topic: 11588 Message: 11588

Has anyone been able to get their Star*DV to work properly on a Windows XP machine. Mine works fine on a Windows 7 Pro 64 bit PC. I have a number of Windows XP Pro PCs and laptops and it won't work on any of them, even those that have no other DStar devices, drivers or programs. Device manager shows the USB serial converter and USB serial port working properly on the XP machines but no success either with the PC audio or speaker mic. Can't link or TX or RX. I'm wondering if I need a specific Windows XP driver or dll file. Any suggestions. Thanks.

Stewart WI3J

11589. Re: Star*DV on a Windows XP machine

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-11 13:13:57 UTC
From: crs026@...
Topic: 11588 Message: 11589

Stewart,

I run the Star*DV on Windows XP w/Service Pack 3 32 bit here just fine. I run it on both a Desktop and laptop. The drivers you used for Windows 7 will work on most versions of Windows. You might try turning off any antivirus software you have running and try it then.

Rick KD0OSS

11590. Re: Star*DV on a Windows XP machine

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-11 16:06:37 UTC
From: n3pzt@...
Topic: 11588 Message: 11590

Rick,

Turned off antivirus and malware; no go. Made sure Windows Firewall has an exception for stardv.exe; still no go. Forwarded ports 20010 and 20011 in my router; still no go. Several times when I launch SDV it says "Gateway Connection failed to bind to local server port". Also, I get "stardv.exe has encountered a problem and needs to close". When I finally get SDV running I can link to an "E" reflector and the Network button lights up. I can PTT with the PC audio and the map window shows On Air. However, no RX or TX audio. If I use the speaker mic no On Air when I keyup and no RX audio. I've encountered this probem on all my Win XP Pro PCs and laptops. I've uninstalled an reinstalled irdDDB Gateway and SDV; still no go. Device Manager shows USB serial converter and USB serial port working properly. I even tried Jim's suggestion to run WinDV v1.5.8 as a ThumbDV and change the baud rate in SDV from 460800 to 230400 and use PC audio only. I get the same "Gateway Connection failed to bind to local server port" and "stardv.exe has encountered a problem and needs to close". Makes no difference if I have WinDV and/or ircDDB Gateway open or closed. I have an ASUS netbook running Win 7 Pro 32 bit and I have the same problem on that. I've only been able to get SDV to work successfully is on my HP PC running Win 7 Pro 64 bit with a quad core processor and 8Gb of memory. Is it possible there's a file in the HP PC I need to copy to my Win XP Pro machines?

I think my only alternative at this point to ask Jim for a replacement unit when he gets back from Dayton. If I have the same problems with the replacement unit I'll ask Jim for a refund.

Stewart WI3J

11591. sdv & dvemu STar*DV support on FC21 Pi2

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-11 23:46:30 UTC
From: Adrian
Topic: 11591 Message: 11591

```
sdv-1.25-1.fc21.armv7hl.rpm
<http://vk4tux.duckdns.org/XDL5DIrpms/RPI2/sdv-1.25-1.fc21.armv7hl.rpm> 2015-May-12
09:08:15 106.6K application/x-rpm

installs > sdv, dvemu (for dummyrepeater) and README.TXT (Documents)

Install ;

[root@raspi2 ~]# yum install sdv
Loaded plugins: langpacks
Resolving Dependencies
--> Running transaction check
---> Package sdv.armv7hl 0:1.25-1.fc21 will be installed
--> Finished Dependency Resolution

Dependencies Resolved

================================================================================================
=================
Package Arch Version
Repository Size
================================================================================================
=================
Installing:
sdv armv7hl 1.25-1.fc21
PI2repo 107 k

Transaction Summary
================================================================================================
=================
Install 1 Package

Total download size: 107 k
Installed size: 330 k
Is this ok [y/d/N]: y
Downloading packages:
sdv-1.25-1.fc21.armv7hl.rpm | 107 kB 00:00:00
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction (shutdown inhibited)
Installing : sdv-1.25-1.fc21.armv7hl 1/1
Verifying : sdv-1.25-1.fc21.armv7hl 1/1

Installed:
sdv.armv7hl 0:1.25-1.fc21
```

```
Complete!
[root@raspi2 ~]# cd /usr/bin
[root@raspi2 bin]# ls | grep dvemu
dvemu
[root@raspi2 bin]# ls | grep sdv
sdv
[root@raspi2 bin]# cd /root/Documents
[root@raspi2 Documents]# ls | grep README
README.TXT
[root@raspi2 Documents]#

[root@raspi2 ~]# sdv
usage: sdv [-D LCD type c=RGB m=Mono b=Both] [-p Ignore Mic PTT] [-d
device] [-G GW IP] [-L Local IP] [-b baudrate]
[-g GW Port] [-l Local Port] [-m MyCall] [-u UrCall] [-R
Rpt1] [-r Rpt2] [-s MyCall Suffix] [-E DV3000 Mode (port)]
[-M Message (20 char Max)] [-e Use PC audio (y/n)] [-k Use
modem (y/n)] [-i Audio invert (tx/rx/both/none)]

remove module ftdi_sio & usbserasl with rmmod before using dvemu

Adrian ... vk4tux
```

Adrian ... vk4tux

11592. Re: Star*DV on a Windows XP machine

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-12 13:27:33 UTC
From: crs026@...
Topic: 11588 Message: 11592

Stewart,

First off it sounds like you may have multiple issues. We need to separate the network issues from the Star*DV issues. Stardv.exe has two dependencies, the Star*DV and Ircddbgateway. Need to make sure ircddbgateway is configured and working properly. Ircddbgateway needs to be able to connect to the internet and the internet needs to be able to connect back. This requires any firewalls or routers to be configured correctly. There is plenty of info on the groups and Jim's web site about that. The "failed to bind to server port" error indicates that the stardv.exe could not connect to or find the correct open ircddbgateway port. If stardv.exe cannot connect to ircddbgateway through the configured ports then it's dead in the water. Also, it has to connect to the Star*DV. It does so by using the installed drivers using FTDI's D2XX protocol. This protocol is needed to allow the Spkr/Mic PTT to work. Stardv.exe does not use any COM ports however the beta version of WinDV can when in ThumbDV mode and configured for 460800 baud. WinDV does "not" require stardv.exe or ircddbgateway to run. You can also download and install the G4KLX program DummyRepeater. If you get the latest "beta" version for Windows you can select to use either PC audio mode or Spkr/Mic mode. This software has two programs, one in the STARDV folder that needs to be executed first that connects to the Star*DV and the DummyRepeater program itself. DummyRepeater also requires ircddbgateway to be running same as stardv.exe.

Hopefully one of these configurations will work.

Rick KD0OSS

11593. Re: Star*DV on a Windows XP machine

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-12 17:30:02 UTC
From: n3pzt@...
Topic: 11588 Message: 11593

Rick,

ircddbgateway is configured and working properly. I can link to an "E" reflector and the Network button lights up in SDV. ircddbgateway shows not linked and linked properly so it's talking to the internet. No firewall or router issues since SDV works properly on my Win 7 Pro 64 bit PC using the same firewall and router settings.

So, why can't stardv.exe not connect to or find the correct open ircddbgateway port. I haven't changed any of the ports in ircddbgateway config.

Another thing I noticed in device manager on my Win 7 Pro 64 bit PC in the driver details for the USB serial converter it has a windows/system32/drivers/usbfilter.sys This driver doesn't appear in any of my XP machines, nor in my ASUS netbook running Win 7 Pro 32bit and none of these machines work with the StarDV.

As for WinDV v1.5.8, when ThumbDV is selected, there is no setting I can find to change or set the baud rate to 460800. And, WinDV always wants a COM port selected. There's no way to select blank for the COM port.

The StarDV you've used successfully on Win XP machines is it a beta version, or from Jim's first production run before he went out of stock or from his second production run? Mine is from his second production run. I'm wondering when he was waiting for back ordered components for the second production run if they're from different suppliers from the first production run.

I'll download and install the G4KLX program DummyRepeater. I have an older version 20120403 but that didn't work.

Stewart WI3J

11594. Re: [gmsk_dv_node] WinDV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-12 23:54:24 UTC
From: vk4tux@...
Topic: 6799 Message: 11594

Jeremy the extra terminals I helped you setup, have now migrated to users.txt on G2 systems & AA4RC database ;

VK2MJM
VK2MJM B
VK2MJM C
VK2MJM M
VK2MJM P
I tested OKRW on dplus connection's on all above.
Adrian ... vk4tux

11595. Star*DV will not work correctly with RPi.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-13 11:22:11 UTC
From: rickzero64@...
Topic: 11595 Message: 11595

Hi All,

I'm having a few issues with the Star*DV :(
I've tested the unit under Win7 with StarDV 1.54 and ircDDBgateway and it seems to work fine. Can connect to reflectors ok and tx/rx works ok. So I know the unit is good.

Raspberry Pi is a different story. I've followed the instructions at http://www.k6jm.com/hs-setuppistardv.htm http://www.k6jm.com/hs-setuppistardv.htm using the Western D-Star Raspberry Pi Version 2 +Widget image. Can connect to reflectors and hear RX audio. TX does not work. When I PTT, the LED on the LCD changes color and "TX enabled, Network transmission started, End network transmission" appears in the terminal window. However no signal gets to the reflector. There is no carrier on my handheld and no audio is heard. I have my repeater set to the same reflector as the Star*DV RPi. What can be causing this?

I do use RPi's for my 2m/70cm D-Star repeater and a DVMega hotspot, so I have no problems in configuring them.

I've tried both REF and DCS reflectors, neither of which will allow me to TX. Some REF return OKRO whereas others, ie REF001C return OKRW. Unfortunately still no TX on 001C.
M: 2015-05-10 03:52:21: D-Plus reply is OKRW
M: 2015-05-10 03:52:21: D-Plus ACK message received from REF001 C
M: 2015-05-10 03:52:21: D-Plus link to REF001 C established

My Ssdv.conf:
```
lcdtype=b
mycall=VK6XLR
suffix=SDV
urcall=CQCQCQ
rpt1call=VK6XLR C
rpt2call=VK6XLR G
message=Star*DV AMBE3000
gwaddress=127.0.0.1
localaddress=127.0.0.1
gwport=20010
localport=20011
ftdiport=0
baud=460800
usecodec=y
usemodem=n
rxinverted=n
txinverted=n
dplushostfile=/usr/local/etc/DPlus_Hosts.txt
dextrahostfile=/usr/local/etc/DExtra_Hosts.txt
dcshostfile=/usr/local/etc/DCS_Hosts.txt
```

I noticed that the CQCQCQ must be in uppercase else ircDDB comes up with USER: CQCQCQ NOT FOUND
I've compared ircddbgateway with my other RPi's and all looks ok.

When I try the Western D-Star D-StarRepeater+ircDDB+VNC+Widget image, I get an I2C device not found error when starting SDV.

I'm at a loss :(Anyone offer some ideas please ..

Cheers,
Rick VK6XLR

11596. Re: Star*DV on a Windows XP machine

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-13 13:24:48 UTC
From: crs026@...
Topic: 11588 Message: 11596

Stewart,

I designed the Star*DV for Matrix Circuits and we are the sole manufacturer of the device. The two production runs are functionally identical. The stardv.exe was and is compiled on a Windows XP machine so that version of Windows "should" be the most compatible. The drivers you installed will by default set up the D2XX port and "not" a COM port. A COM port can be activated in the USB Serial Device properties section of Device Manager. A COM port is only needed for ThumbDV compatibility. I believe a special version of WinDV has to be downloaded to make the 460800 baud rate available. I have no idea what the usbfilter.sys file does or whether it would have an effect on the Star*DV device. Are you still getting the "cannot connect to server port" error?

I would suggest downloading this precompiled version of DummyRepeater from the link below. It has both dummyrepeater and dvemu programs. You will need to run dvemu first then dummyrepeater. The dvemu program uses the same drivers as stardv.exe so if it works it may shed some light on your problems.

Rick KD0OSS

dummyrepeater_stardv.msi
https://www.dropbox.com/s/m2gov309aq13dsx/dummyrepeater_stardv.msi?dl=0

https://www.dropbox.com/s/m2gov309aq13dsx/dummyrepeater_stardv.msi?dl=0

dummyrepeater_stardv.msi
https://www.dropbox.com/s/m2gov309aq13dsx/dummyrepeater_stardv.msi?dl=0 Shared with Dropbox

View on www.dropbox.com
https://www.dropbox.com/s/m2gov309aq13dsx/dummyrepeater_stardv.msi?dl=0
Preview by Yahoo

11597. Re: Star*DV will not work correctly with RPi.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-13 13:34:02 UTC
From: crs026@...
Topic: 11595 Message: 11597

Rick,

It sounds like either the ircddbgateway ports do not match in the configuration files or something is blocking it. The local port seems to be working ok for rx audio. Could you post your ircddbgateway config file? That may shed some light. Also, make sure only sdv and ircddbgateway are running. Sometimes one of the repeater programs installed on the SD image auto-start by mistake. That has happened to me and caused a few problems. The sdv program takes the place of any repeater program so they are not needed.

Rick KD0OSS

11598. Re: Star*DV will not work correctly with RPi.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-13 14:07:05 UTC
From: kb7sqi@...
Topic: 11595 Message: 11598

Hi Rick, When I initially got my Star*DV, I was having some issues using sdv on my Raspberry Pi 2 & B+. Then when Rick & Jonathan released the versions of Dummy Repeater w/ the dvemu command which works almost identical to using a ThumbDV w/ DummyRepeater & AMBEserver, I switched to using my Star*DV w/ those. I have it setup right now on my Raspberry Pi 2, which I also use as my HotSpot w/ my DVAP. It's been working perfectly! I haven't had any issues w/ audio or connecting to anything. I have compiled the latest 1.25 version of sdv & going to be working on getting that working on the B+ later today. Like you, I also purchased the LCD Panel & would like to use it w/ my B+ while driving. If you're getting i2c errors make sure you follow the step in the instructions in this part:

Navigate to /etc on the Pi. Scroll down past the directories to find the files Right-click on the modules file, select Edit. Add the following two lines at the bottom
i2c-dev
i2c-bcm2708 Save and exit Edit
I also had the following 2 commands added at the end of my /etc/rc.local file before the last line "exit 0"

modprobe i2c-bcm2708
modprobe i2c-dev

I have a real hardware clock module that sets the hwclock on boot up. I'll let you know how things turn out w/ setting things up on the B+ w/ the LCD panel. If you want to give DummyReapter & dvemu a shot, & aren't comfortable compiling them, drop me an email and I can email you the binaries. Hope that helps. 73 de KB7SQI!

Steve, kb7sqi

11599. Re: Star*DV will not work correctly with RPi.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-13 17:07:36 UTC
From: kb7sqi@...
Topic: 11595 Message: 11599

Hey Rick, Hate to add to this, but I just tested sdv-1.25 on my Raspberry Pi 2 that is running DVEMU & DummyRepeater perfectly w/ my Star*DV. So, there's no difference in how I have ircddbgateway setup. Only difference in my setup is, I'm also using it w/ a DVAP. Both devices work fine w/ this config. I exited out of Dummy Repeater, stopped dvemu. Fired up sdv. It connects fine, & I hear audio just fine. When I go to transmit, it's not sending any audio. It's reporting exactly as Rick's is, but no audio.
So I stopped sdv, fired dvemu/dummyrepeater back up & I was back in business. Had a QSO on REF054C for quite some time. Since I'm getting ready to head to work, I don't have more time to mess w/ it. But I will set it up on my B+ later tonight/tomorrow and see how it works on there. Have a good time @ Dayton! Wish I could go this year. 73 de KB7SQI.

Steve, kb7sqi

11600. Re: Star*DV will not work correctly with RPi.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-14 13:03:46 UTC
From: rickzero64@...
Topic: 11595 Message: 11600

Hi Rick,

This is my ircddbgateway config on my B+

```
gatewayType=2
gatewayCallsign=VK6XLR
gatewayAddress=
icomAddress=
icomPort=20000
hbAddress=127.0.0.1
hbPort=20010
latitude=0.000000
longitude=0.000000
description1=
description2=
url=
repeaterCall1=
repeaterBand1=C
repeaterType1=0
repeaterAddress1=127.0.0.1
repeaterPort1=20011
reflector1=DCS014 B
atStartup1=1
reconnect1=0
frequency1=0.00000
offset1=0.0000
rangeKms1=1.000
latitude1=0.000000
longitude1=0.000000
agl1=2.000
description1_1=
description1_2=
url1=
band1_1=0
band1_2=0
band1_3=0
repeaterCall2=
repeaterBand2=
repeaterType2=0
repeaterAddress2=127.0.0.1
repeaterPort2=20012
reflector2=
atStartup2=0
reconnect2=0
frequency2=0.00000
```

```
offset2=0.0000
rangeKms2=0.000
latitude2=0.000000
longitude2=0.000000
agl2=0.000
description2_1=
description2_2=
url2=
band2_1=0
band2_2=0
band2_3=0
repeaterCall3=
repeaterBand3=
repeaterType3=0
repeaterAddress3=127.0.0.1
repeaterPort3=20013
reflector3=
atStartup3=0
reconnect3=0
frequency3=0.00000
offset3=0.0000
rangeKms3=0.000
latitude3=0.000000
longitude3=0.000000
agl3=0.000
description3_1=
description3_2=
url3=
band3_1=0
band3_2=0
band3_3=0
repeaterCall4=
repeaterBand4=
repeaterType4=0
repeaterAddress4=127.0.0.1
repeaterPort4=20014
reflector4=
atStartup4=0
reconnect4=0
frequency4=0.00000
offset4=0.0000
rangeKms4=0.000
latitude4=0.000000
longitude4=0.000000
agl4=0.000
description4_1=
description4_2=
url4=
band4_1=0
band4_2=0
```

```
band4_3=0
ircddbEnabled=1
ircddbHostname=rr.openquad.net
ircddbUsername=vk6xlr
ircddbPassword=
aprsEnabled=1
aprsHostname=rotate.aprs2.net
aprsPort=14580
dextraEnabled=1
dextraMaxDongles=5
dplusEnabled=1
dplusMaxDongles=5
dplusLogin=VK6XLR C
dcsEnabled=1
ccsEnabled=1
ccsHost=CCS004
starNetBand1=A
starNetCallsign1=
starNetLogoff1=
starNetInfo1=
starNetPermanent1=
starNetUserTimeout1=300
starNetGroupTimeout1=300
starNetCallsignSwitch1=0
starNetTXMsgSwitch1=1
starNetReflector1=
starNetBand2=A
starNetCallsign2=
starNetLogoff2=
starNetInfo2=
starNetPermanent2=
starNetUserTimeout2=300
starNetGroupTimeout2=300
starNetCallsignSwitch2=0
starNetTXMsgSwitch2=1
starNetReflector2=
starNetBand3=A
starNetCallsign3=
starNetLogoff3=
starNetInfo3=
starNetPermanent3=
starNetUserTimeout3=300
starNetGroupTimeout3=300
starNetCallsignSwitch3=0
starNetTXMsgSwitch3=1
starNetReflector3=
starNetBand4=A
starNetCallsign4=
starNetLogoff4=
starNetInfo4=
```

```
starNetPermanent4=
starNetUserTimeout4=300
starNetGroupTimeout4=300
starNetCallsignSwitch4=0
starNetTXMsgSwitch4=1
starNetReflector4=
starNetBand5=A
starNetCallsign5=
starNetLogoff5=
starNetInfo5=
starNetPermanent5=
starNetUserTimeout5=300
starNetGroupTimeout5=300
starNetCallsignSwitch5=0
starNetTXMsgSwitch5=1
starNetReflector5=
remoteEnabled=1
remotePassword=XXXXXXX
remotePort=10022
language=0
infoEnabled=1
echoEnabled=1
logEnabled=0
dratsEnabled=1
dtmfEnabled=1
windowX=1129
windowY=76
```

I've got the Western D-Star "D-StarRepeater+ircDDB+VNC+Widget" load at the moment as I was trying that image, however the config files are the same.
I'm sure nothing else was running except for ircddbgateway. I'll try it again on the weekend when more time is available.

This current image gives the following error when I run sdv:

```
Latency: 5
LCD thread created successfully
Unable to open I2C device: No such file or directory
```

Raspberry Pi Version 2 + Widget has the TX error.

73
Rick, VK6XLR

11601. Re: Star*DV will not work correctly with RPi.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-14 13:12:56 UTC
From: rickzero64@...
Topic: 11595 Message: 11601

Hi Steve,

Thanks for the info. I take it w/ means 'with'

The modules files has the 2 lines added already. I added the 2 modprobe lines to rc.local but still get errors.
When running sdv, the error is:
Latency: 5
LCD thread created successfully
Unable to open I2C device: No such file or directory

Never used dummyrepeater and dvemu. Would be interesting to give it a go.
Tried dummy repeater but it requires an address for Star*DV and the soundcard requires setting up. Strange as I don't have a sound card for the B+

Tested with Western D-Star D-StarRepeater+ircDDB+VNC+Widget image.

73
Rick, VK6XLR

11602. Re: Star*DV will not work correctly with RPi.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-14 13:17:40 UTC
From: rickzero64@...
Topic: 11595 Message: 11602

Hi Steve,

Thanks for the info. I take it w/ means 'with' :)

Using Western D-Star "D-StarRepeater+ircDDB+VNC+Widget" on my B+, I do have the correct lines in the modules file. I added the 2 modprobe into rc.local but still getting errors.

When I run sdv, this is the error:
Latency: 5
LCD thread created successfully
Unable to open I2C device: No such file or directory

Would be interesting to try the Star*DV 1.25.

Also haven't used dummyrepeater. Had a quick look. Under Dongle, Star*DV requires an address and can't find anything related to that. It also complained that soundcard is not set.

73,
Rick, VK6XLR

11603. Re: Star*DV will not work correctly with RPi.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-14 13:35:11 UTC
From: crs026@...
Topic: 11595 Message: 11603

Rick,

The I2C error means the Pi cannot find the LCD Plate. Make sure you have the I2C modules activated. The easiest way to do that is run raspi-config and go to the Advanced tab.

Rick KD0OSS

11604. Re: Star*DV will not work correctly with RPi.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-14 13:37:31 UTC
From: crs026@...
Topic: 11595 Message: 11604

Steve,

Were you using the spkr/mic with both DVEMU and SDV?

Rick KD0OSS

11605. Re: Star*DV on a Windows XP machine

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-14 16:38:22 UTC
From: n3pzt@...
Topic: 11588 Message: 11605

Rick,

You say the D2XX port is "not" a COM port. So, are you saying, even though the USB serial port shows COM12 in device manager it doesn't really exist? I even reset the bits per second on the port settings tab to 460800 and that didn't do anything. I see no toggle in this USB serial port properties to activate or deactivate a COM port. How would I even know if this USB serial port is D2XX? When Fred from Dutch*Star gets back from Dayton he should come out with WinDV v1.5.9p that will provide the baud rate setting and a check box for the StarDV Dongle. It's greyed out right now in WinDV v1.5.8p.

If I launch DV-Emu and Dummy Repeater I get an error message saying "Can't find the AMBE Dongle on the port specified". Even if I select type None on the Controller tab in Preferences in the Dummy Repeater I still get the same error message. DV-Emu just sits there saying "Waiting for connection".

Stewart WI3J

11606. Is dutch-star.eu down?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-15 02:34:37 UTC
From: carl@...
Topic: 11606 Message: 11606

Yesterday evening my D-STAR Hot Spot which uses the Matrix Circuits GMSK node adapter Star*Board, an analog radio, and Dutch-Star software suddenly quit working and the error message displayed is "Plus connection to REF030C failed." No matter what reflector I try, a similar Plus connection failed message appears. I rebooted the Windows PC, rebooted the software and verified network access works but nothing has restored functionality.

As I recall something similar happened a month or so ago when one of Fred's servers was down. I have tried to connect to dutch-star.eu but that also fails.

Has anyone else experienced the same things?

73
Carl - WA0CQG

11607. Re: [gmsk_dv_node] Is dutch-star.eu down?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-15 03:32:06 UTC
From: Fred van Kempen
Topic: 11606 Message: 11607

Yes, server room there seems to be down. I do know they did maintenance on the powerstuff there, and probably forgot to (also) reboot my machines. Should be back up sometimethis Friday !
--fred

From: "carl@esteys.net [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Thursday, May 14, 2015 10:34 PM
Subject: [gmsk_dv_node] Is dutch-star.eu down?

  Yesterday evening my D-STAR Hot Spot which uses the Matrix Circuits GMSK node adapter Star*Board, an analog radio, and Dutch-Star software suddenly quit working and the error message displayed is "Plus connection to REF030C failed." No matter what reflector I try, a similar Plus connection failed message appears. I rebooted the Windows PC, rebooted the software and verified network access works but nothing has restored functionality.
As I recall something similar happened a month or so ago when one of Fred's servers was down. I have tried to connect to dutch-star.eu but that also fails.
Has anyone else experienced the same things?
73Carl - WA0CQG

11608. Re: [gmsk_dv_node] Is dutch-star.eu down?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-15 04:38:25 UTC
From: Estey Carl
Topic: 11606 Message: 11608

Fred -

Is there any downside to changing the callsign server to one of the pull-downs you provided in WinDV Tools>Options? I tried it both on the version I am using for my GMSK adapter hotspot and the version I am using with ThumbDV and both seem to be working now.

I fear we don’t say it enough — THANKS for all you do to enhance the DSTAR experience for all of us!

73
Carl WA0CQG

> On May 14, 2015, at 10:32 PM, Fred van Kempen decwiz@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
>
> Yes, server room there seems to be down. I do know they did maintenance on the power
> stuff there, and probably forgot to (also) reboot my machines. Should be back up sometime
> this Friday !
>
> --fred
>
>
> From: "carl@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
> To: gmsk_dv_node@yahoogroups.com
> Sent: Thursday, May 14, 2015 10:34 PM
> Subject: [gmsk_dv_node] Is dutch-star.eu down?
>
>
> Yesterday evening my D-STAR Hot Spot which uses the Matrix Circuits GMSK node adapter Star*Board, an analog radio, and Dutch-Star software suddenly quit working and the error message displayed is "Plus connection to REF030C failed." No matter what reflector I try, a similar Plus connection failed message appears. I rebooted the Windows PC, rebooted the software and verified network access works but nothing has restored functionality.
>
> As I recall something similar happened a month or so ago when one of Fred's servers was down. I have tried to connect to dutch-star.eu but that also fails.
>
> Has anyone else experienced the same things?
>
> 73
> Carl - WA0CQG
>
>
>
>

11609. Re: Star*DV will not work correctly with RPi.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-15 09:18:36 UTC
From: rickzero64@...
Topic: 11595 Message: 11609

Thanks Rick. That fixed that issue :)

Still no TX audio sent to the reflector though when using SDV.
ircDDB log shows the below when PTT is pressed.
M: 2015-05-15 09:15:41: USER: VK6XLR VK6XLR C VK6XLR G 121.45.226.19

73,
Rick VK6XLR

11610. Re: [gmsk_dv_node] Is dutch-star.eu down?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-15 12:27:35 UTC
From: jd_hudson@...
Topic: 11606 Message: 11610

Fred I'm not sure if you got my emails with the server being down but I'm trying to get WinDV 1.5.8.

ko4xj @arrl.net

For Windows 7

Thanks

John
KO4XJ

11611. Re: Star*DV will not work correctly with RPi.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-15 14:46:50 UTC
From: kb7sqi@...
Topic: 11595 Message: 11611

Hi Rick, Hope you're having a good time at Dayton. :-) Yes, I'm using a spkr/mic with both DVEMU & SDV. It's hooked upto my Raspberry Pi 2 again right now. I leave a Logitech USB Headset plugged in for the "normal" audio device. That solves the issue of DummyRepeater needing audio device for Speakers/Microphone. With the DummyRepeater/DVEMU combo, the Star*DV works great. I'm planning on spending more time trying to get sdv-1.25 to TX audio this weekend. In the meantime, hopefully the binaries I sent Rick, VK6XLR will get him up & going at least with DummyRepeater/DVEMU as well. Thanks again for everything. 73 de KB7SQI!

Steve, kb7sqi

11612. Re: Star*DV on a Windows XP machine

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-16 13:43:24 UTC
From: n3pzt@...
Topic: 11588 Message: 11612

Rick,

I've exhausted all the workarounds and beta files from you and Jim and nothing works on my Win XP machines. I asked Jim to return the unit I have (SN00056) for a replacement. Before he sends me the replacement I asked him to test it on a Win XP machine to make sure it works.

Stu WI3J

11614. When things break.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-16 15:02:44 UTC
From: carl@...
Topic: 11614 Message: 11614

Because I have posted messages describing problems in the past, I wanted to let everyone who cares know that finally I got my GMSK node adapter (from MoenComm) working again, as well as my ThumbDV using WinDV. It is interesting to note that none of the issues actually were hardware or software failures with the DSTAR hardware or software but were configuration and settings within the laptop or configuration with the DV software. My GMSK adapter is running WinDV on an old eMachine PC tower running Windows XP.

So for a brief moment I have a smile on my face . . . before Murphy visits again! I am reminded of a project manager I worked for while we were doing months of extensive testing. He always told me while we tested and found failures “oh good, we found another problem and will fix it. We are now on the path to perfection!”. He was right. Each failure does result in more knowledge and a better understanding of the technology.

We need to remember that we are dealing with software written by fellow amateur operators – and that for the most part, it is done by them as a hobby because they believe in promoting DSTAR as a new and exciting hobby. I have much more tolerance for problems in their hardware or software than I do for products created by large corporations like Microsoft who often use their customers for testing products before they are really market-ready and robust!

My hat is off to the Freds, Johns, and Jonathans of the DSTAR community for the gifts they have given all of us. Thanks to all of you - and those I did not name!!!

Now I am back to guarding against another Murphy visit!

73

Carl WA0CQG

11615. GMSK Node Adapter on HF?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-16 15:08:32 UTC
From: carl@...
Topic: 11615 Message: 11615

I want to buy my second GMSK node adapter board and use it to get on HF DSTAR with my Yaesu FT-897D transceiver. My intent is to use a RP2.

What are your experiences in doing something similar and how successful were you? Also, what software do you recommend for this application with the RP2 and where is it available?

73
Carl WA0CQG

11616. Re: Star*DV on a Windows XP machine

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-16 17:53:02 UTC
From: kb7sqi@...
Topic: 11588 Message: 11616

Hi Stu, Sorry you're having issues getting your Star*DV working on XP, but if it's working fine on Windows 7, I don't where there would be a problem with the hardware. Before you ship back, I'd recommend you test it out using WinDV 1.5.8 Preview 3. Make sure you have the USB drivers loaded for it, then in WinDV, select the ThumbDV device and change the baud rate to the higher one. I test that last night on my system & it works fine if you're using the PC's sound/microphone just like you were using a DV-Dongle or a ThumbDV. I couldn't get it to work when using an external Speaker/Microphone like I normally use with mine when I'm using it on my Linux system or my Raspberry PI 2. Hope that helps. 73 de KB7SQI!

Steve, kb7sqi

11617. Re: Star*DV on a Windows XP machine

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-16 22:12:25 UTC
From: n3pzt@...
Topic: 11588 Message: 11617

Steve,

When you say you tested it last night on your system was that on a Win XP machine?
I already tried it with WinDV v1.5.8p as a ThumbDV with PC audio and no success.
It's interesting I haven't had a response from anyone else who's gotten their StarDV
to work successfully on a Win XP machine.

Stu WI3J

11618. Re: Star*DV will not work correctly with RPi.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-17 01:11:32 UTC
From: rickzero64@...
Topic: 11595 Message: 11618

Hi Guys,

Thanks for the binaries Steve. Managed to get the Star*DV working with DVemu and DummyRepeater. Pity a soundcard has to be plugged in. Seems a waste.

Got SDV working as well, not sure exactly how though. But after I reconfigured it using the LCD plate, it started transmitting. Weird. I did notice too that the TX audio is very intermittent on both 1.23 and 1.25. I'm wondering if it has to do with the RPi B+. Perhaps it requires more grunt of the RPi 2 B.

Next is to attempt to get it working without using any gui, only command line.

73
Rick, VK6XLR

11619. Re: [gmsk_dv_node] GMSK Node Adapter on HF?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-17 01:36:21 UTC
From: Dave Webb KB1PVH
Topic: 11615 Message: 11619

Carl,

There were some people that were using a gmsk board along with a DV Dongle and running G4KLX software to run DSTAR on HF. The only downside is that you need to have the computer attached to make it all work. Before I got my 9100 I was using my FT-857 with a DV Adapter from http://dstarradioclub-international.com/

Their website is being done over so no info there at the moment. Basically it's an adapter that turns your analog radio into a DSTAR capable radio by connecting to the packet port on radio.

I still have the DV Adapter here collecting dust that I will sell if you or anyone else is interested. Contact me direct for more info if you want.

Dave-KB1PVH

On May 16, 2015 11:08 AM, "carl@esteys.net [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

Are you currently on or have been on HF DSTAR?

Created by: wa0cqg

- Currently on HF DSTAR (https://groups.yahoo.com/neo/groups/gmsk_dv_node/polls/poll/2509293#16936938)
- What is you gear? (https://groups.yahoo.com/neo/groups/gmsk_dv_node/polls/poll/2509293#16936979)

+ Add Options (https://groups.yahoo.com/neo/groups/gmsk_dv_node/polls/poll/2509293)

I want to buy my second GMSK node adapter board and use it to get on HF DSTAR with my Yaesu FT-897D transceiver. My intent is to use a RP2.

What are your experiences in doing something similar and how successful were you? Also, what software do you recommend for this application with the RP2 and where is it available?

73
Carl WA0CQG

11620. Re: Star*DV on a Windows XP machine

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-17 04:07:14 UTC
From: kb7sqi@...
Topic: 11588 Message: 11620

Hi Stu, Yes, I used it on both a Windows 8.1 system & the very last XP system I had. Mind you, just for this experiment, I had to dig it out of the closet. ;-) I used it for about 30 min with the latest WinDV 1.5.8 Preview 3. As I said, I loaded the drivers, installed WinDV, then configured it as a ThumbDV & increased the baud rate to the higher option. After that, it worked. No special hacking. It worked just like my ThumbDV does or the DV-Dongle. I had to use the PC's audio. I couldn't use the external Speaker/Microphone. Sorry I couldn't reproduce your problem. After running Windows 8.1, I really gritted my teeth to pull that system out of the closet just to try this. Funny story, for years, I was very anti-Microsoft. I was all *NIX, all the time. Now days I use several Windows 8.x system besides Solaris, Linux, OS X, & even NEXTSTEP/OPENSTEP. I hope you can figure out what is causing your issue. 73 de KB7SQI.

Steve, kb7sqi

11621. Re: Star*DV will not work correctly with RPi.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-17 04:17:08 UTC
From: kb7sqi@...
Topic: 11595 Message: 11621

Hey Rick, I'm glad you got it working w/ both the binaries I emailed you & w/ SDV! I ordered another case that'll work w/ the LCD Assy that should be here this week. Once I get that, & I'll start working on getting it all up & running again specifically w/ SDV. It's working great at the moment though on my RPI 2 hooked up to my DVAP. It's nice having it setup on one repeater/reflector & still be able to use either my ID-31A/ID-51A+ on another and just using the RPI to control them both. Looks like I'll need to order a second one. :-) Keep me posted on your progress. 73 de KB7SQI.

Steve, kb7sqi

11622. Re: Star*DV on a Windows XP machine

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-17 15:11:17 UTC
From: n3pzt@...
Topic: 11588 Message: 11622

Steve,

I just tried WinDV and onfigured it as a ThumbDV, PC audio & increased the baud rate to the higher option.(14400). Still no go. It's going back to Jim at moencomm.

Stu WI3J

11623. Decoding Digital Signal

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-17 18:52:49 UTC
From: wb9sli@...
Topic: 11623 Message: 11623

I am a happy owner of an ID-5100 but have been having a problem and need some input. Please don't get board with the length of this posting.

I am an owner and syst andminstrator of an Icom repeater stack that seems to be working perfectly for the last several years as well as numerous other D-star radios besides my ID-5100 which is in my mobile.

I recently sent the 5100 in to Icom for repair becuse it did not properly decode D star signals. I would be in a QSO and the voice would suddenly stop even though the S meter was showing a signal present and my Icom ID 51 handheld next to me on the seat would continue to decode the signal. I have about 6 D star radios and have never had this situation occur with any other radio. Icom service returned the ID-5100 saying they could not find any problem.

I was frustrated and continued to test the ID-5100 and found that it would decode perfectly on other D-star repeaters in the area so my thoughts went to thinking the repeater was the problem and that it may be slightly off frequency and the ID-5100 had tighter tolerances. A colleague of mine brought over some high end test equipment and tests showed the repeater was right on frequency.

Next I connected the repeater to an active reflector and connected my raspberry pi-Dvap to the repeater. I found that the Dvap signal would decode perfectly and the repeater frequency failed to decode some of the QSOs. Back to square one; being that the only combination that gives me problems is when using my ID-5100 on my home repeater. All of my other D star radios work perfectly on my home repeater and my ID-5100 works perfectly with all other repeaters hot spots and simplex.

Any Ideas on what to try or what to look for? I am awed with the ID-5100 and all of its features, bluetooth, dual receive and the android app, but I am frustrate with not having a system that will play together.

Mike

WB9SLI

11624. Re: [gmsk_dv_node] Decoding Digital Signal

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-17 19:11:23 UTC
From: brian
Topic: 11623 Message: 11624

Hi Mike Just a shot in the dark, consider trying some sort of attenuation or simply remove antenna completely as a first test. Your problem could as simple as the front-end being overdriven by you local transmitter. Regards Brian gw6wtk Sent from Samsung Mobile
-------- Original message --------
From: "wb9sli@yahoo.com [gmsk_dv_node]"
Date:17/05/2015 19:52 (GMT+00:00)
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Decoding Digital Signal

I am a happy owner of an ID-5100 but have been having a problem and need some input. Please don't get board with the length of this posting. I am an owner and syst andminstrator of an Icom repeater stack that seems to be working perfectly for the last several years as well as numerous other D-star radios besides my ID-5100 which is in my mobile. I recently sent the 5100 in to Icom for repair becuse it did not properly decode D star signals. I would be in a QSO and the voice would suddenly stop even though the S meter was showing a signal present and my Icom ID 51 handheld next to me on the seat would continue to decode the signal. I have about 6 D star radios and have never had this situation occur with any other radio. Icom service returned the ID-5100 saying they could not find any problem. I was frustrated and continued to test the ID-5100 and found that it would decode perfectly on other D-star repeaters in the area so my thoughts went to thinking the repeater was the problem and that it may be slightly off frequency and the ID-5100 had tighter tolerances. A colleague of mine brought over some high end test equipment and tests showed the repeater was right on frequency. Next I connected the repeater to an active reflector and connected my raspberry pi-Dvap to the repeater. I found that the Dvap signal would decode perfectly and the repeater frequency failed to decode some of the QSOs. Back to square one; being that the only combination that gives me problems is when using my ID-5100 on my home repeater. All of my other D star radios work perfectly on my home repeater and my ID-5100 works perfectly with all other repeaters hot spots and simplex. Any Ideas on what to try or what to look for? I am awed with the ID-5100 and all of its features, bluetooth, dual receive and the android app, but I am frustrate with not having a system that will play together. Mike WB9SLI

11625. Re: [gmsk_dv_node] Decoding Digital Signal

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-17 19:23:20 UTC
From: Vince p
Topic: 11623 Message: 11625

Hello Mike. I have the same problem with my ID5100. I can use and decode all repeaters in my area except one. The one Repeater I can't decode the owner did some adjustment to the output audio levels and it worked great. But we had a repeater meltdown a few days after due to it being overdriven. He got the repeater fixed and back on air but I can't use it with the ID5100 because it won't decode it. I have no problem with the ID31,51+. But again there is no problem with any of the other repeaters in the area or my DVMega Hotspot. Try doing some adjustments to your repeater output audio levels but be careful not to damage it.

Good luck.

Vince

> On May 17, 2015, at 2:52 PM, wb9sli@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
> I am a happy owner of an ID-5100 but have been having a problem and need some input. Please don't get board with the length of this posting.
>
>
>
> I am an owner and syst andminstrator of an Icom repeater stack that seems to be working perfectly for the last several years as well as numerous other D-star radios besides my ID-5100 which is in my mobile.
>
>
>
> I recently sent the 5100 in to Icom for repair becuse it did not properly decode D star signals. I would be in a QSO and the voice would suddenly stop even though the S meter was showing a signal present and my Icom ID 51 handheld next to me on the seat would continue to decode the signal. I have about 6 D star radios and have never had this situation occur with any other radio. Icom service returned the ID-5100 saying they could not find any problem.
>
>
>
> I was frustrated and continued to test the ID-5100 and found that it would decode perfectly on other D-star repeaters in the area so my thoughts went to thinking the repeater was the problem and that it may be slightly off frequency and the ID-5100 had tighter tolerances. A colleague of mine brought over some high end test equipment and tests showed the repeater was right on frequency.
>
>
>
> Next I connected the repeater to an active reflector and connected my raspberry pi-Dvap to the repeater. I found that the Dvap signal would decode perfectly and the repeater

frequency failed to decode some of the QSOs. Back to square one; being that the only combination that gives me problems is when using my ID-5100 on my home repeater. All of my other D star radios work perfectly on my home repeater and my ID-5100 works perfectly with all other repeaters hot spots and simplex.
>
>
>
> Any Ideas on what to try or what to look for? I am awed with the ID-5100 and all of its features, bluetooth, dual receive and the android app, but I am frustrate with not having a system that will play together.
>
>
>
> Mike
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>
> WB9SLI
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>

11626. Re: [gmsk_dv_node] Decoding Digital Signal

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-18 12:24:07 UTC
From: k8omg@...
Topic: 11623 Message: 11626

Hi Mike, I am also having that issue. In particular with the Cleveland D-Star WB8THD, the strange thing is, it was working when I first bought the 5100 about a month ago, then, nothing. As you can see from the link below, k8omg is clearly heard on the repeater as of this morning, but I get nothing back. I installed a hotspot at home and was able to tweak that to work, but I'm amazed at this "bigger issue" problem. So much so that I'm thinking about selling my 30 day old 5100, and buying a 31a and putting an FTM-400DR in the mobile.

D-StarUsers.org Your Source for D-Star Digital Amateur Radio Information!
http://www.dstarusers.org/viewrepeater.php?system=WB8THD

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D-StarUsers.org Your Source for D-Star Digital Amateur R...
http://www.dstarusers.org/viewrepeater.php?system=WB8THD D-Star Amateur Radio Systems, your source for D-Star Digital Amateur Radio

View on www.dstarusers.org http://www.dstarusers.org/viewrepeater.php?system=WB8THD
Preview by Yahoo

It is very strange that the repeater would work out of the box, and then stop working. I'm going to try a factory software reset, and I'll report if it is any help. My hotspot is a MoenComm Starboadrd/Kenwood 71a/rPI

11627. nawincfg

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-18 12:42:34 UTC
From: sgibbs1@...
Topic: 11627 Message: 11627

can anyone upload nawincfg so i can sort the config for my gmsk board

please asap

steve

11628. Re: [gmsk_dv_node] Decoding Digital Signal

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-18 13:10:08 UTC
From: k8omg@...
Topic: 11623 Message: 11628

Here's an update from my end, I reset all my settings, re-imported a list of repeaters, and tried WB8THD again to no success.

I then tried another repeater, W8QV in Parma, Ohio. I was able to get the echo function to work, and send my audio back. the 5100 would not decode it for several attempts, there were a couple breakthroughs of my Echo Test where is did encode for a few seconds. It is a similar problem to what I had with my hotspot, the TX pot on the starboard needed a lot of touchy feely adjustments.

What is even more strange, is that while testing, the ID-5100 radio shut off and restarted inexplicably. It reset twice while TXing, and once while Rxing the digital sounds (not decoding) from the W8QV repeater.

I'm not sure I want this rig anymore!!!

11629. RE: [gmsk_dv_node] Decoding Digital Signal

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-18 14:25:36 UTC
From: Woodrick, Ed
Topic: 11623 Message: 11629

This has been an issue with “home brew” repeaters for years. If you don’t get the GMSK signal correct, you’ll have issues. Each generation of Icom radios tightens up the receiver specifications and causes those repeaters that are not in tight tolerance to the specifications more issues.

The result of Icom tightening the specs is really good for those repeaters that are within specs. The newer radios can decode weaker signals much better than the older ones. I’ve had an ID-31 sitting next to a ID-91, the ID-91 showed essentially no signal strength and not a peep of audio, the ID-31 was decoding audio perfectly.

Ed WA4YIH

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, May 18, 2015 8:24 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Decoding Digital Signal

Hi Mike,
I am also having that issue. In particular with the Cleveland D-Star WB8THD, the strange thing is, it was working when I first bought the 5100 about a month ago, then, nothing. As you can see from the link below, k8omg is clearly heard on the repeater as of this morning, but I get nothing back. I installed a hotspot at home and was able to tweak that to work, but I'm amazed at this "bigger issue" problem. So much so that I'm thinking about selling my 30 day old 5100, and buying a 31a and putting an FTM-400DR in the mobile.

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Information!<http://www.dstarusers.org/viewrepeater.php?system=WB8THD>

[image]<http://www.dstarusers.org/viewrepeater.php?system=WB8THD>

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View on www.dstarusers.org <http://www.dstarusers.org/viewrepeater.php?system=WB8THD>

Preview by Yahoo

It is very strange that the repeater would work out of the box, and then stop working. I'm going to try a factory software reset, and I'll report if it is any help. My hotspot is a MoenComm Starboadrd/Kenwood 71a/rPI

11630. RE: [gmsk_dv_node] Decoding Digital Signal

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-18 14:42:17 UTC
From: Woodrick, Ed
Topic: 11623 Message: 11630

And, of course, you'd be absolutely okay moving over to Fusion. You probably won't have this type issue on Fusion.

Of course Fusion doesn't support any homebrew. Fusion doesn't provide any linking for digital repeaters. Fusion doesn't any way of accessing the network except for RF. And I'm pretty sure that less than 0.1% of the System Fusion repeaters have over 1 hour of digital communications a month. I wouldn't be surprised if the majority of Fusion repeaters don't have any digital communications each month.

And the FTM-400 does a great job at the 30 year old APRS. But it doesn't have features like nearest repeater for digital or FM. It doesn't have the ability to send data (except for a low resolution picture)

Ed WA4YIH

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, May 18, 2015 8:24 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Decoding Digital Signal

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11631. RE: [gmsk_dv_node] Decoding Digital Signal

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-18 15:09:50 UTC
From: Matthew Pitts
Topic: 11623 Message: 11631

Ed,

Fusion doesn't currently have home-brewed systems. ;-)

Matthew Pitts
N8OHU

On May 18, 2015 10:42:17 AM EDT, "'Woodrick, Ed' ewoodrick@ed-com.com [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:
>And, of course, you'd be absolutely okay moving over to Fusion. You
>probably won't have this type issue on Fusion.
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>Of course Fusion doesn't support any homebrew. Fusion doesn't provide
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>doesn't have the ability to send data (except for a low resolution
>picture)
>
>Ed WA4YIH
>
>From: gmsk_dv_node@yahoogroups.com
>[mailto:gmsk_dv_node@yahoogroups.com]
>Sent: Monday, May 18, 2015 8:24 AM
>To: gmsk_dv_node@yahoogroups.com
>Subject: Re: [gmsk_dv_node] Decoding Digital Signal
>
>
>
>Hi Mike,
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>[image]<http://www.dstarusers.org/viewrepeater.php?system=WB8THD>
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>report if it is any help. My hotspot is a MoenComm Starboadrd/Kenwood
>71a/rPI

--
Sent from my Moto X with K-9 Mail. Please excuse my brevity.

11632. Re: [gmsk_dv_node] Decoding Digital Signal

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-18 15:10:32 UTC
From: James Meyer
Topic: 11623 Message: 11632

Whoa whoa, I don't want to start a flame war, or hijack the thread, so let me back up. This is about the radio and its compatibility with GMSK homebrews, not the mode.
If the 5100 doesn't do D-Star on 100% of the homebrews that I may find in my travels, I will sell it and get one that does (ID-31 or ID-51)
If the 5100 doesn't work with the D-Star repeaters in my area, then that means there are now 4 more Fusion repeaters in my area than D-Star repeaters. If I get $500 out of my 5100, what is the drawback to a ID-31a, and a Fusion FTM-400, for about $100 additional investment. For $200 more I could go for the 51a, and then I have access to 5 D-Star homebrews and 4 fusion repeaters.
I like the 5100, I want to love the 5100, but it's an accessibility issue. I didn't pay $600+ dollars to send e-mails to random repeater managers asking them to verify the make of their D-Star interface.

On Monday, May 18, 2015 10:42 AM, "'Woodrick, Ed' ewoodrick@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

And, of course, you'd be absolutely okay moving over to Fusion. You probably won't have this type issue on Fusion. Of course Fusion doesn't support any homebrew. Fusion doesn't provide any linking for digital repeaters. Fusion doesn't any way of accessing the network except for RF. And I'm pretty sure that less than 0.1% of the System Fusion repeaters have over 1 hour of digital communications a month. I wouldn't be surprised if the majority of Fusion repeaters don't have any digital communications each month. And the FTM-400 does a great job at the 30 year old APRS. But it doesn't have features like nearest repeater for digital or FM. It doesn't have the ability to send data (except for a low resolution picture) Ed WA4YIH From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, May 18, 2015 8:24 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Decoding Digital Signal Hi Mike, I am also having that issue. In particular with the Cleveland D-Star WB8THD, the strange thing is, it was working when I first bought the 5100 about a month ago, then, nothing. As you can see from the link below, k8omg is clearly heard on the repeater as of this morning, but I get nothing back. I installed a hotspot at home and was able to tweak that to work, but I'm amazed at this "bigger issue" problem. So much so that I'm thinking about selling my 30 day old 5100, and buying a 31a and putting an FTM-400DR in the mobile. D-StarUsers.org Your Source for D-Star Digital Amateur Radio Information!
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11633. Re: [gmsk_dv_node] Decoding Digital Signal

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-18 15:56:10 UTC
From: Matthew Pitts
Topic: 11623 Message: 11633

James,

I've never been able to access WB8THD on either band with my 880, while I could get into KB3WNO from the same location.

Matthew Pitts
N8OHU

On May 18, 2015 11:10:32 AM EDT, "James Meyer k8omg@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:
>Whoa whoa, I don't want to start a flame war, or hijack the thread, so
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>issue. I didn't pay $600+ dollars to send e-mails to random repeater
>managers asking them to verify the make of their D-Star interface.
>
>
>
>On Monday, May 18, 2015 10:42 AM, "'Woodrick, Ed' ewoodrick@ed-com.com
>[gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:
>
>
> And, of course, you'd be absolutely okay moving over to Fusion. You
>probably won't have this type issue on Fusion.   Of course Fusion
>doesn't support any homebrew. Fusion doesn't provide any linking for
>digital repeaters. Fusion doesn't any way of accessing the network
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>(except for a low resolution picture)   Ed WA4YIH   From:
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>Sent: Monday, May 18, 2015 8:24 AM
>To: gmsk_dv_node@yahoogroups.com
>Subject: Re: [gmsk_dv_node] Decoding Digital Signal   Hi Mike, I

>am also having that issue. In particular with the Cleveland D-Star
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>then stop working. I'm going to try a factory software reset, and I'll
>report if it is any help. My hotspot is a MoenComm Starboadrd/Kenwood
>71a/rPI

11634. Re: Star*DV on a Windows XP machine

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-18 16:16:17 UTC
From: n3pzt@...
Topic: 11588 Message: 11634

Rick / Steve,

No need for any more tweaking. I finally got the StarDV to work correctly on another Win XP Pro SP3 32 bit PC with ircDDB Gateway 20150308 and SDV v1.54. The PC had no other DStar devices, drivers or programs.
It's one I gave to a friend in a retirement community several years ago. It has a 2.4Gb processor and 1Gb of memory. It's fine for what he does. The StarDV works perfectly with PC audio. Not so good with the speaker mic. However, he's ok with that because he wasn't interested in using the speaker mic anyway. Echolink and StarDV work fine, using the same sound card, with his headset boom mic. I've tested it going back-n-forth between the two programs with no problems. I got the StarDV with the intention of giving it to him anyway. I had no need for one since I use the DV Dongle or Ras Pi Model B and DVAP for my DStar operatins.

Stu WI3J

11635. RE: [gmsk_dv_node] Decoding Digital Signal

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-18 20:02:53 UTC
From: Woodrick, Ed
Topic: 11623 Message: 11635

James,

If a GMSK homebrew solution is not setup correctly, it is not compatible with ANY radios. It can be close to right and work with some radios.

The problem is the repeater owners fault. They need to be contacted and notified of the situation. The repeater needs to be fixed.
There isn’t hundreds of repeaters that have issues. There are usually only a handful when new radios appear. It’s quite surprising that any exist today, since it’s been awhile since new radios have been introduced.

And this isn’t a D-STAR only issue. Fusion is currently experiencing issues with correctly decoding FM tones. Lots of the Chinese radios have exhibited problems with tones. Lots of repeaters are off frequency, lots of radios are off frequency.

In the US, I believe that the vast majority or repeaters are Icom hardware based. As far as I know, they are all working fine, because their emissions were tested correctly. Putting a homebrew repeater on the air and adjusting a potentiometer until “it works” is just about as bad as tuning a duplexer with two handhelds.

And by the way, there are huge functionality advantages of the ID-5100. Versus the 440 only of the ID-31, it supports the near repeater database for FM and D-STAR repeaters when compared to the 400.

This is not about the radio’s compatibility with a repeater, it’s about the repeater’s compatibility with the radios. And it’s about a handful of repeaters with 10’s of thousands of radios, all of which are compatible with thousands of other repeaters.

Ed WA4YIH

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, May 18, 2015 11:11 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Decoding Digital Signal

Whoa whoa, I don't want to start a flame war, or hijack the thread, so let me back up. This is about the radio and its compatibility with GMSK homebrews, not the mode.

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Ed WA4YIH

From: gmsk_dv_node@yahoogroups.com<mailto:gmsk_dv_node@yahoogroups.com> [mailto:gmsk_dv_node@yahoogroups.com]
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To: gmsk_dv_node@yahoogroups.com<mailto:gmsk_dv_node@yahoogroups.com>
Subject: Re: [gmsk_dv_node] Decoding Digital Signal

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<http://www.dstarusers.org/viewrepeater.php?system=WB8THD>

11636. RE: [gmsk_dv_node] Decoding Digital Signal

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-18 20:51:09 UTC
From: James Meyer
Topic: 11623 Message: 11636

Well read Ed.

Your points are correct. It doesn't make the plight of myself or the OP any better in the short term though.

I suppose in the spirit of the hobby we should start communicating with the repeater owners or trustees and let them know things are off.

I'm just naturally impatient. And my buddies went to Dayton and bought Fusion repeaters, so I'm probably going to have to buy one of those radios anyway, which makes me salty over yet another VHS/Beta Hddvd/Blu Ray style digital mode experience.

At least until digital modes are common and all digital mode transievers ship from Sheng hi.

J
--
Sent from my mobile device

On May 18, 2015 4:02 PM, "'Woodrick, Ed' ewoodrick@ed-com.com [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

James,

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There isn’t hundreds of repeaters that have issues. There are usually only a handful when new radios appear. It’s quite surprising that any exist today, since it’s been awhile since new radios have been introduced.

And this isn’t a D-STAR only issue. Fusion is currently experiencing issues with correctly decoding FM tones. Lots of the Chinese radios have exhibited problems with tones. Lots of repeaters are off frequency, lots of radios are off frequency.

In the US, I believe that the vast majority or repeaters are Icom hardware based. As far as I know, they are all working fine, because their emissions were tested correctly. Putting a homebrew repeater on the air and adjusting a potentiometer until “it works” is just about as bad as tuning a duplexer with two handhelds.

And by the way, there are huge functionality advantages of the ID-5100. Versus the 440 only of the ID-31, it supports the near repeater database for FM and D-STAR repeaters when compared to the 400.

This is not about the radio’s compatibility with a repeater, it’s about the repeater’s compatibility with the radios. And it’s about a handful of repeaters with 10’s of thousands of radios, all of which are compatible with thousands of other repeaters.

Ed WA4YIH

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, May 18, 2015 11:11 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Decoding Digital Signal

Whoa whoa, I don't want to start a flame war, or hijack the thread, so let me back up. This is about the radio and its compatibility with GMSK homebrews, not the mode.

If the 5100 doesn't do D-Star on 100% of the homebrews that I may find in my travels, I will sell it and get one that does (ID-31 or ID-51)

If the 5100 doesn't work with the D-Star repeaters in my area, then that means there are now 4 more Fusion repeaters in my area than D-Star repeaters. If I get $500 out of my 5100, what is the drawback to a ID-31a, and a Fusion FTM-400, for about $100 additional investment. For $200 more I could go for the 51a, and then I have access to 5 D-Star homebrews and 4 fusion repeaters.

I like the 5100, I want to love the 5100, but it's an accessibility issue. I didn't pay $600+ dollars to send e-mails to random repeater managers asking them to verify the make of their D-Star interface.

On Monday, May 18, 2015 10:42 AM, "'Woodrick, Ed' ewoodrick@ed-com.com [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

And, of course, you’d be absolutely okay moving over to Fusion. You probably won’t have this type issue on Fusion.

Of course Fusion doesn’t support any homebrew. Fusion doesn’t provide any linking for digital repeaters. Fusion doesn’t any way of accessing the network except for RF. And I’m pretty sure that less than 0.1% of the System Fusion repeaters have over 1 hour of digital communications a month. I wouldn’t be surprised if the majority of Fusion repeaters don’t have any digital communications each month.

And the FTM-400 does a great job at the 30 year old APRS. But it doesn’t have features like nearest repeater for digital or FM. It doesn’t have the ability to send data (except for a low resolution picture)

Ed WA4YIH

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, May 18, 2015 8:24 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Decoding Digital Signal

Hi Mike,

I am also having that issue. In particular with the Cleveland D-Star WB8THD, the strange thing is, it was working when I first bought the 5100 about a month ago, then, nothing. As you can see from the link below, k8omg is clearly heard on the repeater as of this morning,

but I get nothing back. I installed a hotspot at home and was able to tweak that to work, but I'm amazed at this "bigger issue" problem. So much so that I'm thinking about selling my 30 day old 5100, and buying a 31a and putting an FTM-400DR in the mobile.

D-StarUsers.org Your Source for D-Star Digital Amateur Radio Information!
(http://www.dstarusers.org/viewrepeater.php?system=WB8THD)

(http://www.dstarusers.org/viewrepeater.php?system=WB8THD)

D-StarUsers.org Your Source for D-Star Digital Amateur R...
(http://www.dstarusers.org/viewrepeater.php?system=WB8THD)

D-Star Amateur Radio Systems, your source for D-Star Digital Amateur Radio
(http://www.dstarusers.org/viewrepeater.php?system=WB8THD)

View on www.dstarusers.org (http://www.dstarusers.org/viewrepeater.php?system=WB8THD)

Preview by Yahoo (http://www.dstarusers.org/viewrepeater.php?system=WB8THD)

(http://www.dstarusers.org/viewrepeater.php?system=WB8THD)

It is very strange that the repeater would work out of the box, and then stop working. I'm going to try a factory software reset, and I'll report if it is any help. My hotspot is a MoenComm Starboadrd/Kenwood 71a/rPI
(http://www.dstarusers.org/viewrepeater.php?system=WB8THD)

(http://www.dstarusers.org/viewrepeater.php?system=WB8THD)

(http://www.dstarusers.org/viewrepeater.php?system=WB8THD)

(http://www.dstarusers.org/viewrepeater.php?system=WB8THD)

11637. Re: Star*DV on a Windows XP machine

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-18 21:52:12 UTC
From: kb7sqi@...
Topic: 11588 Message: 11637

Hi Stu, I'm glad to hear you got it working on a Windows XP system. I can understand your frustration. I've been there a time or two on other projects. I can' t think of a better use of a Star*DV, DV-Dongle, or the ThumbDV. I know several hams that have the same kind of problem & commend you on helping them stay on the air. :-) 73 de KB7SQI!

Steve, kb7sqi

11638. Re: [gmsk_dv_node] GMSK Node Adapter on HF?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-19 03:24:24 UTC
From: Estey Carl
Topic: 11615 Message: 11638

Dave -

What was your experience using the adapter? Was there any issues on DSTAR changing from bands to bands? My interest would be to use a RP2 for the PC. I really hate to think of trying to sell the Yaesu FT-897D that has two extra filters, the two internal batteries, and an LDG AT-897 tuner to buy a IC-7200. What would your price be on the adapter?

73
Carl WA0CQG

> On May 16, 2015, at 8:36 PM, Dave Webb KB1PVH kb1pvh@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
>
> Carl,
>
> There were some people that were using a gmsk board along with a DV Dongle and running G4KLX software to run DSTAR on HF. The only downside is that you need to have the computer attached to make it all work. Before I got my 9100 I was using my FT-857 with a DV Adapter from http://dstarradioclub-international.com/
>
> Their website is being done over so no info there at the moment. Basically it's an adapter that turns your analog radio into a DSTAR capable radio by connecting to the packet port on radio.
>
> I still have the DV Adapter here collecting dust that I will sell if you or anyone else is interested. Contact me direct for more info if you want.
>
> Dave-KB1PVH
>
> On May 16, 2015 11:08 AM, "carl@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:
>
>
> Are you currently on or have been on HF DSTAR?
> Created by: wa0cqg
> Currently on HF DSTAR
<https://groups.yahoo.com/neo/groups/gmsk_dv_node/polls/poll/2509293#16936938>
> What is you gear?
<https://groups.yahoo.com/neo/groups/gmsk_dv_node/polls/poll/2509293#16936979>
> + Add Options <https://groups.yahoo.com/neo/groups/gmsk_dv_node/polls/poll/2509293>
>
> I want to buy my second GMSK node adapter board and use it to get on HF DSTAR with my Yaesu FT-897D transceiver. My intent is to use a RP2.
>
>

>
> What are your experiences in doing something similar and how successful were you? Also, what software do you recommend for this application with the RP2 and where is it available?
>
>
>
> 73
>
> Carl WA0CQG
>
>
>

11639. stardv on armhf > Odroid

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-19 11:23:08 UTC
From: Adrian
Topic: 11639 Message: 11639
Attachments: 1 described; binary payloads are missing from this source WARC

stardv_1.55-1_armhf.deb
<http://vk4tux.duckdns.org:82/deb_armhf/stardv_1.55-1_armhf.deb>2015-May-19
21:16:22153.9Kapplication/x-debian-package

Good for all armhf platforms incl PI2 debian/ubuntu based.

Adrian ... vk4tux

11640. Re: [gmsk_dv_node] GMSK Node Adapter on HF?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-19 11:39:48 UTC
From: Dave Webb KB1PVH
Topic: 11615 Message: 11640

Carl,

There was a little bit of a learning curve, but it worked great for me with the 857 on HF. There were no problems as far as changing bands with it and I did the HF DSTAR net many times until I decided to replace my ICOM 910 and Yaesu 857 with a new 9100.

I'll email you direct to discuss price info.

Dave-KB1PVH

11641. stardv on Pi2 Fc21 armv7hl

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-19 13:20:06 UTC
From: Adrian
Topic: 11639 Message: 11641
Attachments: 2 described; binary payloads are missing from this source WARC

```
Disable the uart clockrate with #

nano /boot/config.txt

As from previous post

yum install sdv

installs dvemu & sdv

Using Dummy repeater

/usr/bin/dum.sh

.....................................................................................
.................
#!/bin/bash
pkill xterm
pkill dvemu
/sbin/service AMBEserverGPIO stop
/sbin/service AMBEserver stop

pkill dummyrepeater

sleep 10

dvemu -d 0 &
#/sbin/service AMBEserverGPIO start
#/sbin/service AMBEserver start

dummyrepeater &

xterm -hold -e alsamixer -c 1 -V=all
.....................................................................................
.................

I found out by accident that the DV3000 dngl setting works with the
Star*DV, the settings are probably the same as Star*DV network,
and dvemu was started auto as above..I then set it correct to Star*Dv PC
sound device & It worked ok, the rx a little rough at times.

I found the attached speaker mic setup worked smoother on rx than the
logitech above.

TX was good

OK, Rick (KD0OSS) I recommend replace the portaudio with alsa if you can
please.
```

Adrian ... vk4tux

11642. Re: Star*DV on a Windows XP machine

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-19 15:54:33 UTC
From: n3pzt@...
Topic: 11588 Message: 11642

Steve / Rick,

I setup up StarDV on my friends PC at his retirement home
and his TX audio on PC audio is very choppy with a lot of packet
loss. The RX audio is fine. I tested his PC at my QTH and StarDV
worked perfectly.

He has Comcast Economy Internet and it's rated 3 Mpbs down
and 768 Kbps up. I'm using Comcast Performance Internet and it's
rated 25Mpbs down and 5 Mpbs up.

I'm wondering if his upload speed of 768 Kbps is just too stingy

to pass the digital data upstream with no loss of information.
Possibly the StarDV digital data strean needs more than 768 Kbps
bandwidth. Your thoughts. Thanks.

Stu WI3J

11643. Re: Star*DV on a Windows XP machine

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-20 00:51:59 UTC
From: rickzero64@...
Topic: 11588 Message: 11643

I've found the same on a Linux machine. RX is fine but TX is very intermittent. On my Win7 machine, all is good.

73,
Rick VK6XLR

11644. Re: Star*DV on a Windows XP machine

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-20 13:11:56 UTC
From: Mr R S
Topic: 11588 Message: 11644

Stu,
The network bandwidth requirements are very low. It is more likely a latency problem. Cable internet systems are generally shared and depending on demand there may not be enough capacity in your friends area to maintain a smooth stream. Also, most ISPs give more priority to downstream data than upstream since that's what most customers want. I live in a very rural area and our cable infrastructure is outdated and has the same problems at times.
Rick KD0OSS

11645. Re: [gmsk_dv_node] GMSK Node Adapter on HF?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-21 22:12:38 UTC
From: Mark Phillips
Topic: 11615 Message: 11645

How did you overcome the FCC's 300bd symbol rate rule?

On Tue, May 19, 2015 at 7:39 AM, Dave Webb KB1PVH kb1pvh@...
[gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

>
>
> Carl,
>
> There was a little bit of a learning curve, but it worked great for me
> with the 857 on HF. There were no problems as far as changing bands with it
> and I did the HF DSTAR net many times until I decided to replace my ICOM
> 910 and Yaesu 857 with a new 9100.
>
> I'll email you direct to discuss price info.
>
> Dave-KB1PVH
>
>
>
>

11646. RE: [gmsk_dv_node] GMSK Node Adapter on HF?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-21 22:17:09 UTC
From: Kent Hufford
Topic: 11615 Message: 11646

"Digital voice is defined in the (FCC) Commission’s rules as voice (i.e. phone), not data, per Section 97.3(c)(5) of the Rules."

Check out the most recent comments by the ARRL:
<http://apps.fcc.gov/ecfs/document/view?id=7521063715>
http://apps.fcc.gov/ecfs/document/view?id=7521063715

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, May 21, 2015 6:13 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] GMSK Node Adapter on HF?

How did you overcome the FCC's 300bd symbol rate rule?

On Tue, May 19, 2015 at 7:39 AM, Dave Webb KB1PVH kb1pvh@... <mailto:kb1pvh@...>
[gmsk_dv_node] <gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com> >
wrote:

Carl,

There was a little bit of a learning curve, but it worked great for me with the 857 on HF. There were no problems as far as changing bands with it and I did the HF DSTAR net many times until I decided to replace my ICOM 910 and Yaesu 857 with a new 9100.

I'll email you direct to discuss price info.

Dave-KB1PVH

11647. Re: [gmsk_dv_node] GMSK Node Adapter on HF?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-21 22:52:55 UTC
From: Mark Phillips
Topic: 11615 Message: 11647

And that would be fine if it was purely "digital voice" but D-STAR is more
than that. Did you turn off your text message abilities? Shut down your
APRS posits? What about routing information/instructions?

On Thu, May 21, 2015 at 6:17 PM, 'Kent Hufford' khufford@...
[gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

>
>
> "Digital voice is defined in the (FCC) Commission’s rules as voice (i.e.
> phone), not data, per Section 97.3(c)(5) of the Rules."
>
> Check out the most recent comments by the ARRL:
> http://apps.fcc.gov/ecfs/document/view?id=7521063715
>
>
>
>
>
> *From:* gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@...m]
>
> *Sent:* Thursday, May 21, 2015 6:13 PM
> *To:* gmsk_dv_node@yahoogroups.com
> *Subject:* Re: [gmsk_dv_node] GMSK Node Adapter on HF?
>
>
>
>
>
>
> How did you overcome the FCC's 300bd symbol rate rule?
>
>
>
> On Tue, May 19, 2015 at 7:39 AM, Dave Webb KB1PVH kb1pvh@...
> [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
>
>
> Carl,
>
> There was a little bit of a learning curve, but it worked great for me
> with the 857 on HF. There were no problems as far as changing bands with it
> and I did the HF DSTAR net many times until I decided to replace my ICOM
> 910 and Yaesu 857 with a new 9100.
>

> I'll email you direct to discuss price info.
>
> Dave-KB1PVH
>
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>

11648. Re: [gmsk_dv_node] GMSK Node Adapter on HF?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-21 22:57:58 UTC
From: Matthew Pitts
Topic: 11615 Message: 11648

Mark,
None of that is really applicable on HF, since except for a few rare instances, there are no 10 meter repeaters that use D-STAR; those that do use D-STAR on HF are using it in Simplex mode.
Matthew PittsN8OHU

From: "Mark Phillips g7ltt@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Thursday, May 21, 2015 6:52 PM
Subject: Re: [gmsk_dv_node] GMSK Node Adapter on HF?

And that would be fine if it was purely "digital voice" but D-STAR is more than that. Did you turn off your text message abilities? Shut down your APRS posits? What about routing information/instructions?

On Thu, May 21, 2015 at 6:17 PM, 'Kent Hufford' khufford@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

"Digital voice is defined in the (FCC) Commission’s rules as voice (i.e. phone), not data, per Section 97.3(c)(5) of the Rules." Check out the most recent comments by the ARRL: http://apps.fcc.gov/ecfs/document/view?id=7521063715 From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, May 21, 2015 6:13 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] GMSK Node Adapter on HF? How did you overcome the FCC's 300bd symbol rate rule? On Tue, May 19, 2015 at 7:39 AM, Dave Webb KB1PVH kb1pvh@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
Carl,There was a little bit of a learning curve, but it worked great for me with the 857 on HF. There were no problems as far as changing bands with it and I did the HF DSTAR net many times until I decided to replace my ICOM 910 and Yaesu 857 with a new 9100. I'll email you direct to discuss price info. Dave-KB1PVH

11649. RE: [gmsk_dv_node] GMSK Node Adapter on HF?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-21 23:36:46 UTC
From: Kent Hufford
Topic: 11615 Message: 11649

The End of Modes

* Amateur Radio is facing the end of modes.

* While voice, text, and video were formerly their own modulations, these all become just different kinds of data carried over some form of digital radio.

* What formerly were modes will now just be different bandwidths of digital radio channels. What “mode” those channels carry will change from moment to moment.

- From Bruce Perens K6BP

The International DSTAR HF Voice Testing Net has been going for over 4 years. DSTAR on HF will never replace SSB or CW. It is just another way to “experiment” and expand the capabilities of Ham Radio. About the same band width as AM, with the same propagation issues as AM. A packet piece of DSTAR doesn’t care if it is sending “voice” “data” “photos” “GPS coordinates” etc. Tho, the net does NOT send photos or DRATS, take too long, would never complete the trip anyway.

FREE DV is on 20m, FUSION is being done on HF also.

Kent

KQ4KK

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, May 21, 2015 6:58 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] GMSK Node Adapter on HF?

Mark,

None of that is really applicable on HF, since except for a few rare instances, there are no 10 meter repeaters that use D-STAR; those that do use D-STAR on HF are using it in Simplex mode.

Matthew Pitts

N8OHU

From: "Mark Phillips g7ltt@... <mailto:g7ltt@g7ltt.com> [gmsk_dv_node]"
<gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com> >
To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>
Sent: Thursday, May 21, 2015 6:52 PM
Subject: Re: [gmsk_dv_node] GMSK Node Adapter on HF?

And that would be fine if it was purely "digital voice" but D-STAR is more than that. Did you turn off your text message abilities? Shut down your APRS posits? What about routing information/instructions?

On Thu, May 21, 2015 at 6:17 PM, 'Kent Hufford' khufford@... <mailto:khufford@...> [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com> > wrote:

"Digital voice is defined in the (FCC) Commission’s rules as voice (i.e. phone), not data, per Section 97.3(c)(5) of the Rules."

Check out the most recent comments by the ARRL:
<http://apps.fcc.gov/ecfs/document/view?id=7521063715>
http://apps.fcc.gov/ecfs/document/view?id=7521063715

From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com> [mailto:gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>]
Sent: Thursday, May 21, 2015 6:13 PM
To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>
Subject: Re: [gmsk_dv_node] GMSK Node Adapter on HF?

How did you overcome the FCC's 300bd symbol rate rule?

On Tue, May 19, 2015 at 7:39 AM, Dave Webb KB1PVH kb1pvh@... <mailto:kb1pvh@...> [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com> > wrote:

Carl,

There was a little bit of a learning curve, but it worked great for me with the 857 on HF. There were no problems as far as changing bands with it and I did the HF DSTAR net many times until I decided to replace my ICOM 910 and Yaesu 857 with a new 9100.

I'll email you direct to discuss price info.

Dave-KB1PVH

11650. Re: [gmsk_dv_node] GMSK Node Adapter on HF?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-22 00:41:21 UTC
From: Tony Langdon
Topic: 11615 Message: 11650

On 22/05/2015 9:36 AM, 'Kent Hufford' khufford@...
[gmsk_dv_node] wrote:
>
>
> *The End of Modes*
>
> ØAmateur Radio is facing the end of modes.
>
> ØWhile voice, text, and video were formerly their own modulations,
> these all become just different kinds of data carried over some form
> of digital radio.
>
> ØWhat formerly were modes will now just be different bandwidths of
> digital radio channels. What “mode”those channels carry will change
> from moment to moment.
>
Legally, modes have been gone here (in VK) for close to 10 years (with the exception of repeaters and beacons, which are licensed for specific emissions). Operationally, modes have proliferated, though the vast majority are some form of digital protocol with one or more different payload types (i.e. voice, data, position reports, images, etc).

--
73 de Tony VK3JED/VK3IRL
http://vkradio.com

11651. StarBoard Firmware and Software

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-22 22:26:57 UTC
From: ve3elb@...
Topic: 11651 Message: 11651

Hello Everyone.
Can any one let me know how or where can I get a copy of the Firmware and Software to setup the Star Board. I got the board from dayton but the dutch-star website has been down for a week or more and I can't obtain the software or files needed to setup the board. Can any one help please and thank you.

If any one has the software and firmware file and have a Drop box, Google Drive or One Drive account you can make a zip file and send me a link and I can download it. Thank You.

Vince.

11652. Re: [gmsk_dv_node] StarBoard Firmware and Software

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-23 00:52:00 UTC
From: Dave Wright
Topic: 11651 Message: 11652

K6JM, Jim Moen may be able to assist.

On Fri, May 22, 2015, 5:27 PM ve3elb@... [gmsk_dv_node] <
gmsk_dv_node@yahoogroups.com> wrote:

>
>
> Hello Everyone.
>
> Can any one let me know how or where can I get a copy of the Firmware and
> Software to setup the Star Board. I got the board from dayton but the
> dutch-star website has been down for a week or more and I can't obtain the
> software or files needed to setup the board. Can any one help please and
> thank you.
>
>
> If any one has the software and firmware file and have a Drop box, Google
> Drive or One Drive account you can make a zip file and send me a link and I
> can download it. Thank You.
>
>
>
> Vince.
>
>

11653. Re: [gmsk_dv_node] StarBoard Firmware and Software

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-23 01:01:32 UTC
From: Vince p
Topic: 11651 Message: 11653

I sent him and email yesterday evening and how not heard back from him. He may be busy or away. I was told that the board can't be used until I load the firmware to it. I don't understand why you can use it right out of the box. It's kind of odd that the boards are not flashed with the firmware before it sold and is ready to use.

Vince

> On May 22, 2015, at 8:52 PM, Dave Wright kb9mnm@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
> K6JM, Jim Moen may be able to assist.
>
>
>> On Fri, May 22, 2015, 5:27 PM ve3elb@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>>
>> Hello Everyone.
>>
>> Can any one let me know how or where can I get a copy of the Firmware and Software to setup the Star Board. I got the board from dayton but the dutch-star website has been down for a week or more and I can't obtain the software or files needed to setup the board. Can any one help please and thank you.
>>
>>
>>
>> If any one has the software and firmware file and have a Drop box, Google Drive or One Drive account you can make a zip file and send me a link and I can download it. Thank You.
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>> Vince.
>>
>
>

11654. HF DSTAR with a analog radio and GMSK node adapter?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-25 13:56:31 UTC
From: carl@...
Topic: 11654 Message: 11654

All -

I want to try HF DSTAR and already have an analog Yaesu FT-897D that has 9600 BPS capabilities built-in. Because I use an analog ICOM IC-207 dual-band radio with a Matrix Circuits Star*Board GMSK Node adapter with DUTCH*Star firmware from MoenComm, I am familiar with the concept of using analog radios. My results on UHF with the GMSK node adapter and analog radio have been very good.

Is using my FT-897D with another GMSK node adapter any different and do I need any other software? I have a Raspberry Pi Model 2 version B with the Western D-Star widget, D-Star (GMSK Modem) - 20150404 and ircDDB Gateway - 20150507 installed and would like to use it with the FT-897D and an GMSK node adapter like the Matrix Circuits Star*Board. My plan is to use a ASUS laptop running TightVNC for monitor and inputting. The RP2, and all software, without the GMSK node adapter seem to be working.

So the questions:
-- What hardware and software do I need?
-- What results should I expect?
-- Have you done this before and how did it work?

73
Carl - WA0CQG

11655. Star Board Firmware

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-25 22:50:46 UTC
From: ve3elb@...
Topic: 11655 Message: 11655

Hello Everyone.

Does anyone have a copy of the Star Board Firmware that you can share with me. The Dutch Star website has been down for a while and I can't obtain a copy of the firmware. Can anyone help please email me direct thank you..

Vince

11656. Re: [gmsk_dv_node] Star Board Firmware

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-25 23:47:54 UTC
From: Donald Jacob
Topic: 11655 Message: 11656

Contact Jim at sales@...

WB5EKU

On Mon, May 25, 2015 at 3:50 PM, ve3elb@... [gmsk_dv_node] <
gmsk_dv_node@yahoogroups.com> wrote:

>
>
> Hello Everyone.
>
>
> Does anyone have a copy of the Star Board Firmware that you can share with
> me. The Dutch Star website has been down for a while and I can't obtain a
> copy of the firmware. Can anyone help please email me direct thank you..
>
>
>
> Vince
>
>
>
>

11657. Re: [gmsk_dv_node] Star Board Firmware

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-25 23:53:47 UTC
From: Vince P
Topic: 11655 Message: 11657

I have sent 2 emails and still no reply he must be very busy or away. I have had the board since dayton and am here waiting but also getting frustrated as the same time. the dutch star site has been down for two weeks or more. so am not sure whats going on…

> On May 25, 2015, at 7:47 PM, Donald Jacob wb5eku@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
>
> Contact Jim at sales@... <mailto:sales@moencom.com>
>
> WB5EKU
>
>
> On Mon, May 25, 2015 at 3:50 PM, ve3elb@... <mailto:ve3elb@...> [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>> wrote:
>
>
> Hello Everyone.
>
>
>
> Does anyone have a copy of the Star Board Firmware that you can share with me. The Dutch Star website has been down for a while and I can't obtain a copy of the firmware. Can anyone help please email me direct thank you..
>
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>
> Vince
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11658. Re: [gmsk_dv_node] Star Board Firmware

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-26 01:16:43 UTC
From: Dave Webb KB1PVH
Topic: 11655 Message: 11658

Vince,

Did you try emailing Fred at Dutch Star?

fred@dutch-star.eu

Dave-KB1PVH

11659. Re: [gmsk_dv_node] Star Board Firmware

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-26 01:27:51 UTC
From: Vince P
Topic: 11655 Message: 11659

No I did not thank you for the email address.. Thanks Dave.

Vince.

> On May 25, 2015, at 9:16 PM, Dave Webb KB1PVH kb1pvh@... [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com> wrote:
>
>
> Vince,
>
> Did you try emailing Fred at Dutch Star?
>
> fred@...
>
> Dave-KB1PVH
>
>
>

11660. Re: HF DSTAR with a analog radio and GMSK node adapter?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-26 10:29:58 UTC
From: m1dns.gb3hb@...
Topic: 11654 Message: 11660

You will need an AMBE module of some sort, either of the following dv dongle by internet labs, dv3000 or thumb dv from NW Digital, and I believe Gus van dooraan has an AMBE board available too.. This will give you the codec to create the data stream gmsk carrier for your HF set. As of now with your UHF setup your using your icom radios inbuilt AMBE device. Your ic207 is only receiving that data stream over rf and passing it over the dstar networks.

Once you have the AMBE device you can use Jonathan's gmsk client software, and the gmsk board to achieve your aim. Or you could purchase a dvrptr board with AMBE module daughter card. After configuration you could plug this directly into the data port of your 857 and use it with its own spkr & mic..

A.

---In gmsk_dv_node@yahoogroups.com, <carl@...> wrote :

All -

I want to try HF DSTAR and already have an analog Yaesu FT-897D that has 9600 BPS capabilities built-in. Because I use an analog ICOM IC-207 dual-band radio with a Matrix Circuits Star*Board GMSK Node adapter with DUTCH*Star firmware from MoenComm, I am familiar with the concept of using analog radios. My results on UHF with the GMSK node adapter and analog radio have been very good.

Is using my FT-897D with another GMSK node adapter any different and do I need any other software? I have a Raspberry Pi Model 2 version B with the Western D-Star widget, D-Star (GMSK Modem) - 20150404 and ircDDB Gateway - 20150507 installed and would like to use it with the FT-897D and an GMSK node adapter like the Matrix Circuits Star*Board. My plan is to use a ASUS laptop running TightVNC for monitor and inputting. The RP2, and all software, without the GMSK node adapter seem to be working.

So the questions:
-- What hardware and software do I need?
-- What results should I expect?
-- Have you done this before and how did it work?

73
Carl - WA0CQG

11661. Re: Star Board Firmware

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-26 14:05:49 UTC
From: John Hays
Topic: 11655 Message: 11661

His email is down with the server.

Sent from my iPhone

11662. Alternate download site for ConDV?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-26 14:12:07 UTC
From: wd4w.ky@...
Topic: 11662 Message: 11662

I have tried to download ConDV from the dutchstar site for two days now. The site appears to be down again.
Is there an alternative download site?

Thanks,
Charles
WD4W

11663. Re: Alternate download site for ConDV?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-27 20:55:03 UTC
From: wd4w.ky@...
Topic: 11662 Message: 11663

I am guessing that no response to my question about ConDV download from dutcvhstar means there is no other place to obtain the file.

Are there any alternatives to ConDV for Linux? I am using an HP thin client to run my hotspot spoftware.
I currently have Debian 8.0 installed and running on the thin client.
I am using the moencomm star board.
I tried the Free-star 4gb image but after a dozen failed tries I have given up on it. It would do me no good in any case because I can not get the firmware beta I need to run it from DutchStar.

ConDv would be perfect if I could just get it.

Wd4w

11664. Re: Alternate download site for ConDV?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-28 08:45:46 UTC
From: m1dns.gb3hb@...
Topic: 11662 Message: 11664

AFAIK All the other s/ware offerings make use of the beta firmware on the gmsk boards.

You would be able to use both freestar and G4KLX software if you update the firmware on the board. I'm sure Fred is around somewhere, he has recently relocated to the us, he's prob. busy with that at present.

A.

---In gmsk_dv_node@yahoogroups.com, <wd4w.ky@...> wrote :

I am guessing that no response to my question about ConDV download from dutcvhstar means there is no other place to obtain the file.

Are there any alternatives to ConDV for Linux? I am using an HP thin client to run my hotspot spoftware.
I currently have Debian 8.0 installed and running on the thin client.
I am using the moencomm star board.
I tried the Free-star 4gb image but after a dozen failed tries I have given up on it. It would do me no good in any case because I can not get the firmware beta I need to run it from DutchStar.

ConDv would be perfect if I could just get it.

Wd4w

11665. RE: [gmsk_dv_node] Alternate download site for ConDV?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-29 22:46:00 UTC
From: J. M. Moen
Topic: 11662 Message: 11665

Actually, Brian GW6WTK has ConDV installed on his westerndstar Pi images. You can find it in /dstar. I will look around to see if I have the latest Pi version somewhere for installation on other images.

I may also have the latest Windows version, but I suspect you are looking for the ARM-Linux version.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, May 26, 2015 7:12 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Alternate download site for ConDV?
I have tried to download ConDV from the dutchstar site for two days now. The site appears to be down again.
Is there an alternative download site?

Thanks,
Charles
WD4W

11666. Re: [gmsk_dv_node] Re: Alternate download site for ConDV?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-05-29 23:15:59 UTC
From: Tony Ross
Topic: 11662 Message: 11666
Attachments: 1 described; binary payloads are missing from this source WARC

If you are operating on a Raspberry Pi, I have a copy of
condv-rpi-2.0.0-141-armhf.deb (attached) if that would be at all helpful.

On 05/27/2015 01:55 PM, wd4w.ky@... [gmsk_dv_node] wrote:
> I am guessing that no response to my question about ConDV download from dutcvhstar means there is no other place to obtain the file.
>
> Are there any alternatives to ConDV for Linux? I am using an HP thin client to run my hotspot spoftware.
> I currently have Debian 8.0 installed and running on the thin client.
> I am using the moencomm star board.
> I tried the Free-star 4gb image but after a dozen failed tries I have given up on it. It would do me no good in any case because I can not get the firmware beta I need to run it from DutchStar.
>
> ConDv would be perfect if I could just get it.
>
> Wd4w

11667. Re: Decoding Digital Signal

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-06-02 00:19:47 UTC
From: ke4qdc@...
Topic: 11623 Message: 11667

I know this is not the fusion group but coming from someone who owns a FTM-400 I would hold off a bit before jumping on the fusion bandwagon. Not only have we at least 2 of the FTM-400 in the area over heat and catch fire and spend more time at yaesu than in the mobile the fusion repeaters also seem to lock up in txmt when in digital mode. One in the area has been taken off the air due to lockups. Ed may be able to shed more light on the fusion repeater than I can. I believe one is on the air near him. Fusion itself sounds great to the ear. If it would be solid it would be great. Some seem to think that yaesu is beta testing thing called fysion through us hams. If I had it to go over would I invest in a FT-400 probably not? Nobody but me on fusion in the area so I use it on FM. I would love a good Kenwood d710G instead

ke4qdc
ferrell

11668. Re: [gmsk_dv_node] Re: Decoding Digital Signal

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-06-02 01:26:24 UTC
From: Matthew Pitts
Topic: 11623 Message: 11668

Can't say about the FTM-400DR issues, but the repeater issues are either trying to use an external controller without some kind of interface to catch the digital keyups or firmware issues. And even having the latest firmware doesn't guarantee it won't happen, since some with the latest (or so they say) claim they didn't have them until they installed the latest.

Matthew Pitts
N8OHU

On June 1, 2015 8:19:47 PM EDT, "ke4qdc@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:
>I know this is not the fusion group but coming from someone who owns a
>FTM-400 I would hold off a bit before jumping on the fusion bandwagon.
>Not only have we at least 2 of the FTM-400 in the area over heat and
>catch fire and spend more time at yaesu than in the mobile the fusion
>repeaters also seem to lock up in txmt when in digital mode. One in the
>area has been taken off the air due to lockups. Ed may be able to shed
>more light on the fusion repeater than I can. I believe one is on the
>air near him. Fusion itself sounds great to the ear. If it would be
>solid it would be great. Some seem to think that yaesu is beta testing
>thing called fysion through us hams. If I had it to go over would I
>invest in a FT-400 probably not? Nobody but me on fusion in the area so
>I use it on FM. I would love a good Kenwood d710G instead
>
> ke4qdc
> ferrell

--
Sent from my Moto X with K-9 Mail. Please excuse my brevity.

11669. Re: Decoding Digital Signal

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-06-02 05:19:35 UTC
From: vk4tvl@...
Topic: 11623 Message: 11669

Hi all,

Well I've got a ID5100 here too...Have no local repeaters , but used a local hams Hotspot....I had no RX decoded audio ...
But...His ID51 and ID880 worked fine...My ID5100 didn't ..Then he increased TX level slightly on his HotSpot Adapter..Now fine...
I then bought a different model Adapter for my Hotspot...The same issue..Had to slowly increase in TX Level ....I've heard that ID5100s and IC7100s have this issue...Older radios fine...Tolerances ???

Cheers,
de Lloyd VK4TVL.

11670. What’s going on with dutch-star.eu?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-06-02 08:56:25 UTC
From: Udo.Richter@...
Topic: 11670 Message: 11670

Gentlemen – dear fellow OM’s,
does anybody know, what’s going on with the dutch-star.eu company?
There servers are down since a minimum of three weeks now.
That is more than strange – There is also no eMail contact possible.
The mailer daemon reject it.
Against this background we as a HAM-club have mixed feelings about that:
- Early in May we have placed an centralized buying with a high value of more than 700,--€!
- What went well was the order confirmation and the billing advices.
- No more input from them after the bank-transfer.
- Accordingly also no more messages regarding the delivery of the ordered kits!
You must not think too much about that – the possibilities are virtually endless …
But we do not want to speculate, we would like to know what’s behind that!
So if there is someone around who has some insight, please let us know.
Of course, best of all would be, if a representative does read this inquiry by chance
and respond with a pacifying answer.
Your input is highly appreciated.

Best regards from Austria,
David, OE8DDK

11671. RE: [gmsk_dv_node] What’s going on with dut ch-star.eu?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-06-02 12:41:16 UTC
From: Woodrick, Ed
Topic: 11670 Message: 11671

I know there are efforts to try to get the system back on the air. The owner moved and the previous site hosting it, took it off the air prematurely.
Hopefully should be back in a few days.

Ed WA4YIH

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, June 2, 2015 4:56 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] What’s going on with dutch-star.eu?

Gentlemen – dear fellow OM’s,
does anybody know, what’s going on with the dutch-star.eu company?
There servers are down since a minimum of three weeks now.
That is more than strange – There is also no eMail contact possible.
The mailer daemon reject it.
Against this background we as a HAM-club have mixed feelings about that:

- Early in May we have placed an centralized buying with a high value of more than 700,--€!

- What went well was the order confirmation and the billing advices.

- No more input from them after the bank-transfer.

- Accordingly also no more messages regarding the delivery of the ordered kits!
You must not think too much about that – the possibilities are virtually endless …
But we do not want to speculate, we would like to know what’s behind that!
So if there is someone around who has some insight, please let us know.
Of course, best of all would be, if a representative does read this inquiry by chance and respond with a pacifying answer.
Your input is highly appreciated.

Best regards from Austria,
David, OE8DDK

11672. RE: [gmsk_dv_node] Re: Decoding Digital Signal

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-06-02 12:44:28 UTC
From: Woodrick, Ed
Topic: 11623 Message: 11672

Icom has gotten tighter on the tolerances as new radios come out. This has resulted in significant increases in sensitivity for the radios. Icom repeaters have worked great the entire time.

It’s a great example of how tuning a radio until it sounds good isn’t the correct way to tune it. Too many homebrew repeaters are put on the air without ever being looked at on a station monitor.

Ed WA4YIH

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, June 2, 2015 1:20 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Decoding Digital Signal

Hi all,

Well I've got a ID5100 here too...Have no local repeaters , but used a local hams Hotspot....I had no RX decoded audio ...
But...His ID51 and ID880 worked fine...My ID5100 didn't ..Then he increased TX level slightly on his HotSpot Adapter..Now fine...
I then bought a different model Adapter for my Hotspot...The same issue..Had to slowly increase in TX Level ....I've heard that ID5100s and IC7100s have this issue...Older radios fine...Tolerances ???

Cheers,
de Lloyd VK4TVL.

11673. Re: [gmsk_dv_node] What’s g oing on with dutch-star.eu?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-06-02 13:59:22 UTC
From: Fred van Kempen
Topic: 11670 Message: 11673

Right before Dayton, the company where I "parked" my servers decidedto re-do their network. It used to be my customer, and they wanted to haveit updated.
So, a new company came in, re-did their network setup, and... did not"include" my servers in the new configuration. Which means that theyare now offline (as they were unreachable.)
The bad news is, that they are unwilling to fix this (even temporarily) toallow me to get data out. The good news is, however, that I did a fullbackup that same day, right before the cut-off.
We have started working on getting new servers up and running here in theU.S., and we have set up a "Don't Panic - We Did Not Run Away" statuspage on the www.dutch-star.eu domain.
All this happened while I was busy running around at the HAMfest in Dayton,and, right after that, preparing for my wedding the weekend after. I hopepeople will understand those things come before a website !
So... in the next few days I hope to be working on getting the new servers setup, and then I will "copy in" the full backup.
Thanks for your understanding and patience,
Fred

From: "Udo.Richter@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Tuesday, June 2, 2015 4:56 AM
Subject: [gmsk_dv_node] What’s going on with dutch-star.eu?

  Gentlemen – dear fellow OM’s,does anybody know, what’s going on with thedutch-star.eu company?There servers are down since a minimum of three weeksnow.That is more than strange – There is also no eMailcontact possible.The mailer daemon reject it.Against this background we as a HAM-club have mixedfeelings about that:- Early in May we have placed an centralized buying witha high value of more than 700,--€!- What went well was the order confirmation and thebilling advices.- No more input from them after the bank-transfer.- Accordingly also no more messages regarding thedelivery of the ordered kits!You must not think too much about that – thepossibilities are virtually endless …But we do not want to speculate, we would like to knowwhat’s behind that!So if there is someone around who has someinsight, please let us know.Of course, best of all would be, if a representativedoes read this inquiry by chanceand respond with a pacifying answer.Your input is highly appreciated. Best regards from Austria,David, OE8DDK

11674. Re: [gmsk_dv_node] What’s going on w ith dutch-star.eu?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-06-02 18:37:26 UTC
From: Jeremy J Barbouttis
Topic: 11670 Message: 11674

Hi Fred,

Congratulations on your impending marriage.

I imagine you are very busy, but I tried to send this email to you the other day.

I was going to wait till the site was up, but now you have emailed from another email address, I thought I would pass it on via this one.

You may remember, that I was having trouble connecting to Dplus reflectors using Win DV V 1.5.7 and the resolved it by re-doing my nodes in my DPlus registration.

I recently upgraded to WinDV 1.5.8 and am having the same trouble again - I can connect to DCS reflectors, but not DPlus.

I didn’t change any of the settings and all of the settings seem to remain and were the same.

So, I used the installer to remove the upgrade and reinstalled 1.5.7 and the same again, it won’t connect to DPlus defectors.

Do you know why this would be. It was working well right before the upgrade, and I cannot get it to work properly now, with either version.

Many thanks,

Jeremy

Jeremy Barbouttis
Clinical Hypnotherapist & Counsellor
Suite 211 Level 2
160 Castlereagh Street
Sydney 2000
Ph: 9518 9912
Mobile: 0423 050 680
Fax: 9261 1548

> On 2 Jun 2015, at 11:59 pm, Fred van Kempen decwiz@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
>
> Right before Dayton, the company where I "parked" my servers decided
> to re-do their network. It used to be my customer, and they wanted to have
> it updated.
>
> So, a new company came in, re-did their network setup, and... did not
> "include" my servers in the new configuration. Which means that they
> are now offline (as they were unreachable.)

>
> The bad news is, that they are unwilling to fix this (even temporarily) to
> allow me to get data out. The good news is, however, that I did a full
> backup that same day, right before the cut-off.
>
> We have started working on getting new servers up and running here in the
> U.S., and we have set up a "Don't Panic - We Did Not Run Away" status
> page on the www.dutch-star.eu <http://www.dutch-star.eu/> domain.
>
> All this happened while I was busy running around at the HAMfest in Dayton,
> and, right after that, preparing for my wedding the weekend after. I hope
> people will understand those things come before a website !
>
> So... in the next few days I hope to be working on getting the new servers set
> up, and then I will "copy in" the full backup.
>
> Thanks for your understanding and patience,
>
> Fred
>
> From: "Udo.Richter@web.de <mailto:Udo.Richter@...> [gmsk_dv_node]" <gmsk_dv_node@...m
<mailto:gmsk_dv_node@yahoogroups.com>>
> To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>
> Sent: Tuesday, June 2, 2015 4:56 AM
> Subject: [gmsk_dv_node] What’s going on with dutch-star.eu <http://dutch-star.eu/>?
>
>
> Gentlemen – dear fellow OM’s,
> does anybody know, what’s going on with the dutch-star.eu <http://dutch-star.eu/>
company?
> There servers are down since a minimum of three weeks now.
> That is more than strange – There is also no eMail contact possible.
> The mailer daemon reject it.
> Against this background we as a HAM-club have mixed feelings about that:
> - Early in May we have placed an centralized buying with a high value of more than
700,--€!
> - What went well was the order confirmation and the billing advices.
> - No more input from them after the bank-transfer.
> - Accordingly also no more messages regarding the delivery of the ordered kits!
> You must not think too much about that – the possibilities are virtually endless …
> But we do not want to speculate, we would like to know what’s behind that!
> So if there is someone around who has some insight, please let us know.
> Of course, best of all would be, if a representative does read this inquiry by chance
> and respond with a pacifying answer.
> Your input is highly appreciated.
>
> Best regards from Austria,
> David, OE8DDK
>
>

>
>
>

11675. Re: [gmsk_dv_node] What’s going on with dutch-star .eu?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-06-02 19:02:48 UTC
From: Donald Jacob
Topic: 11670 Message: 11675

Hi Jeremy,
Try a different call sign server until dutchstar gets back on line.

Tools>Settings and under Callsign Server use Freestar.

Don
WB5EKU

On Tue, Jun 2, 2015 at 11:37 AM, Jeremy J Barbouttis vk2mjm@...
[gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

>
>
> Hi Fred,
>
>
>
> Congratulations on your impending marriage.
>
> I imagine you are very busy, but I tried to send this email to you the
> other day.
>
> I was going to wait till the site was up, but now you have emailed from
> another email address, I thought I would pass it on via this one.
>
> You may remember, that I was having trouble connecting to Dplus reflectors
> using Win DV V 1.5.7 and the resolved it by re-doing my nodes in my DPlus
> registration.
>
> I recently upgraded to WinDV 1.5.8 and am having the same trouble again -
> I can connect to DCS reflectors, but not DPlus.
>
> I didn’t change any of the settings and all of the settings seem to remain
> and were the same.
>
> So, I used the installer to remove the upgrade and reinstalled 1.5.7 and
> the same again, it won’t connect to DPlus defectors.
>
> Do you know why this would be. It was working well right before the
> upgrade, and I cannot get it to work properly now, with either version.
>
>
> Many thanks,
>
> Jeremy
>

> *Jeremy Barbouttis*
> *Clinical Hypnotherapist & Counsellor*
> Suite 211 Level 2
> 160 Castlereagh Street
> Sydney 2000
> Ph: 9518 9912
> Mobile: 0423 050 680
> Fax: 9261 1548
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>
> On 2 Jun 2015, at 11:59 pm, Fred van Kempen decwiz@...
> [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
>
> Right before Dayton, the company where I "parked" my servers decided
> to re-do their network. It used to be my customer, and they wanted to have
> it updated.
>
> So, a new company came in, re-did their network setup, and... did not
> "include" my servers in the new configuration. Which means that they
> are now offline (as they were unreachable.)
>
> The bad news is, that they are unwilling to fix this (even temporarily) to
> allow me to get data out. The good news is, however, that I did a full
> backup that same day, right before the cut-off.
>
> We have started working on getting new servers up and running here in the
> U.S., and we have set up a "Don't Panic - We Did Not Run Away" status
> page on the www.dutch-star.eu domain.
>
> All this happened while I was busy running around at the HAMfest in Dayton,
> and, right after that, preparing for my wedding the weekend after. I hope
> people will understand those things come before a website !
>
> So... in the next few days I hope to be working on getting the new servers
> set
> up, and then I will "copy in" the full backup.
>
> Thanks for your understanding and patience,
>
> Fred
>
> ------------------------------
> *From:* "Udo.Richter@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>

> *To:* gmsk_dv_node@yahoogroups.com
> *Sent:* Tuesday, June 2, 2015 4:56 AM
> *Subject:* [gmsk_dv_node] What’s going on with dutch-star.eu?
>
>
> Gentlemen – dear fellow OM’s,
> does anybody know, what’s going on with the dutch-star.eu company?
> There servers are down since a minimum of three weeks now.
> That is more than strange – There is also no eMail contact possible.
> The mailer daemon reject it.
> Against this background we as a HAM-club have mixed feelings about that:
> - Early in May we have placed an centralized buying with a high
> value of more than 700,--€!
> - What went well was the order confirmation and the billing advices.
> - No more input from them after the bank-transfer.
> - Accordingly also no more messages regarding the delivery of the
> ordered kits!
> You must not think too much about that – the possibilities are virtually
> endless …
> *But we do not want to speculate, we would like to know what’s behind
> that!*
> So if there is someone around who has some insight, please let us know.
> Of course, best of all would be, if a representative does read this
> inquiry by chance
> and respond with a pacifying answer.
> Your input is highly appreciated.
>
> Best regards from Austria,
> David, OE8DDK
>
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>

11676. Re: [gmsk_dv_node] What’s going on w ith dutch-star.eu?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-06-02 19:40:20 UTC
From: Jeremy J Barbouttis
Topic: 11670 Message: 11676

Hi Don,

Oh, yes of course. If the server it is down, then it won’t be possible to link.

Thank you for that. It is working now.

73s

Jeremy
VK2MJM
CCS Code: 9755

> On 3 Jun 2015, at 5:02 am, Donald Jacob wb5eku@... [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com> wrote:
>
>
> Hi Jeremy,
> Try a different call sign server until dutchstar gets back on line.
>
> Tools>Settings and under Callsign Server use Freestar.
>
> Don
> WB5EKU
>
>
> On Tue, Jun 2, 2015 at 11:37 AM, Jeremy J Barbouttis vk2mjm@icloud.com
<mailto:vk2mjm@...> [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com
<mailto:gmsk_dv_node@yahoogroups.com>> wrote:
>
> Hi Fred,
>
>
>
>
>
> Congratulations on your impending marriage.
>
> I imagine you are very busy, but I tried to send this email to you the other day.
>
> I was going to wait till the site was up, but now you have emailed from another email
address, I thought I would pass it on via this one.
>
> You may remember, that I was having trouble connecting to Dplus reflectors using Win DV V
1.5.7 and the resolved it by re-doing my nodes in my DPlus registration.
>
> I recently upgraded to WinDV 1.5.8 and am having the same trouble again - I can connect
to DCS reflectors, but not DPlus.

>
> I didn’t change any of the settings and all of the settings seem to remain and were the same.
>
> So, I used the installer to remove the upgrade and reinstalled 1.5.7 and the same again, it won’t connect to DPlus defectors.
>
> Do you know why this would be. It was working well right before the upgrade, and I cannot get it to work properly now, with either version.
>
>
> Many thanks,
>
> Jeremy
>
> Jeremy Barbouttis
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>> On 2 Jun 2015, at 11:59 pm, Fred van Kempen decwiz@... <mailto:decwiz@...> [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>> wrote:
>>
>>
>> Right before Dayton, the company where I "parked" my servers decided
>> to re-do their network. It used to be my customer, and they wanted to have
>> it updated.
>>
>> So, a new company came in, re-did their network setup, and... did not
>> "include" my servers in the new configuration. Which means that they
>> are now offline (as they were unreachable.)
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>> The bad news is, that they are unwilling to fix this (even temporarily) to
>> allow me to get data out. The good news is, however, that I did a full
>> backup that same day, right before the cut-off.
>>
>> We have started working on getting new servers up and running here in the
>> U.S., and we have set up a "Don't Panic - We Did Not Run Away" status
>> page on the www.dutch-star.eu <http://www.dutch-star.eu/> domain.

>>
>> All this happened while I was busy running around at the HAMfest in Dayton,
>> and, right after that, preparing for my wedding the weekend after. I hope
>> people will understand those things come before a website !
>>
>> So... in the next few days I hope to be working on getting the new servers set
>> up, and then I will "copy in" the full backup.
>>
>> Thanks for your understanding and patience,
>>
>> Fred
>>
>> From: "Udo.Richter@... <mailto:Udo.Richter@...> [gmsk_dv_node]"
<gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>>
>> To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>
>> Sent: Tuesday, June 2, 2015 4:56 AM
>> Subject: [gmsk_dv_node] What’s going on with dutch-star.eu <http://dutch-star.eu/>?
>>
>>
>> Gentlemen – dear fellow OM’s,
>> does anybody know, what’s going on with the dutch-star.eu <http://dutch-star.eu/>
company?
>> There servers are down since a minimum of three weeks now.
>> That is more than strange – There is also no eMail contact possible.
>> The mailer daemon reject it.
>> Against this background we as a HAM-club have mixed feelings about that:
>> - Early in May we have placed an centralized buying with a high value of more than
700,--€!
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>> You must not think too much about that – the possibilities are virtually endless …
>> But we do not want to speculate, we would like to know what’s behind that!
>> So if there is someone around who has some insight, please let us know.
>> Of course, best of all would be, if a representative does read this inquiry by chance
>> and respond with a pacifying answer.
>> Your input is highly appreciated.
>>
>> Best regards from Austria,
>> David, OE8DDK
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11677. Re: What’s going on with dutch-star.eu?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-06-03 08:02:49 UTC
From: Udo.Richter@...
Topic: 11670 Message: 11677

Hello Fred,
many thanks, that the Leader of the company came in here for an satisfying answer!
Puuh - this is an unpleasant story, but as you probably can understand:
It took a load off our mind! Thank you for that!
A last inquiry to you, and then we are ready to close this case:
Please keep me as the Club-Leader informed, regarding the order process, and the estimated arrival time for our kits!
Thanks again,
David, OE8DDK
david.dobernik@outlook.com

11678. Re: [gmsk_dv_node] What’s going on w ith dutch-star.eu?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-06-03 08:26:05 UTC
From: Estey Carl
Topic: 11670 Message: 11678

Fred -

Thanks for all you do for the D-STAR community - you make it a lot better!

And Congratulations on the wedding.

73
Carl WA0CQG

> On Jun 2, 2015, at 8:59 AM, Fred van Kempen decwiz@... [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com> wrote:
>
>
> Right before Dayton, the company where I "parked" my servers decided
> to re-do their network. It used to be my customer, and they wanted to have
> it updated.
>
> So, a new company came in, re-did their network setup, and... did not
> "include" my servers in the new configuration. Which means that they
> are now offline (as they were unreachable.)
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> The bad news is, that they are unwilling to fix this (even temporarily) to
> allow me to get data out. The good news is, however, that I did a full
> backup that same day, right before the cut-off.
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> We have started working on getting new servers up and running here in the
> U.S., and we have set up a "Don't Panic - We Did Not Run Away" status
> page on the www.dutch-star.eu <http://www.dutch-star.eu/> domain.
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> up, and then I will "copy in" the full backup.
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> Thanks for your understanding and patience,
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> Fred
>
> From: "Udo.Richter@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
> To: gmsk_dv_node@yahoogroups.com
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> Subject: [gmsk_dv_node] What’s going on with dutch-star.eu?
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> So if there is someone around who has some insight, please let us know.
> Of course, best of all would be, if a representative does read this inquiry by chance
> and respond with a pacifying answer.
> Your input is highly appreciated.
>
> Best regards from Austria,
> David, OE8DDK
>
>
>
>
>

11679. New version of SDV for the Pi v1.26

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-06-04 22:31:44 UTC
From: J. M. Moen
Topic: 11679 Message: 11679

Rick KD0OSS has installed an updated version of SDV for the Pi into Matrix Circuits' repository. This app works in conjunction with the G4KLX ircDDBGateway and talks to the Star*DV AMBE device, a GMSK Modem running DUTCH*Star firmware, or both. It communicates with you using an LCD plate and its Up/Down/Left/Right/Select buttons.

Features in the new version include:
* New menu item Shut Down. When selected, it will gracefully shut down Linux (easier than doing an SSH logon through the network to issue the shutdown –h now command)
* New menu item WiFi Config – experimental at this time
* Minor bug fixes

If you are already running SDV on your Debian-based Pi and have updated the sources.list file per install instructions, you can install the new version by doing an SSH logon and issuing these commands:
* apt-get update
* apt-get install --reinstall sdv

HF D-Star users note that you can quickly change the RX and TX Invert settings from the main screen. Obviously you must have enabled use of the GMSK Modem. For many radios, the Invert setting requirements change when you change bands. The Left/Right buttons select RX or TX Invert, and the Up/Down buttons select yes or no. Select button makes the change. Select again returns you to the main screen mode. This approach is easier than quitting the program and running NAWinCFG to change the Invert settings.

Details about installing SDV on the Pi at http://www.k6jm.com/hs-setuppistardv.htm

Usage information at http://www.k6jm.com/hs-setuppiSDVdetails.htm

Jim – K6JM

11680. RE: [gmsk_dv_node] GMSK Node Adapter

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-06-07 13:53:30 UTC
From: Kent Hufford
Topic: 7927 Message: 11680

Ask questions here

11681. WinDV 1.5.8p3 crash

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-06-07 22:30:53 UTC
From: carl@...
Topic: 11681 Message: 11681

Fred -

I have been using WinDV 1.5.8.p1 with the NWDR ThumbDV and have had good results. I decided to download 1.5.8p3 as it was new and improved. I downloaded and installed it and after about 15-seconds the message “DV Node for Windows (Not Responding) appeared. I have tried rebooting the ASUS laptop running Windows 8.1/64-bit. I then tried deleting WinDV using the Windows control panel and going Windows search mode to find all remaining WinDV pieces and deleting those. I reloaded 1.5.8p3 but got the same error message.

Carl WA0CQG

11682. Need help starting node

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-06-15 10:12:38 UTC
From: lz1idd@...
Topic: 11682 Message: 11682
Attachments: 1 described; binary payloads are missing from this source WARC

Hello all,
Sorry for asking questions that I think are asked alot. I did get node from a friend I seen lots of explanations but seem I'm mistaken somewhere.
I attach pic of the nod. When I install natools64-1.0.15 I get "Node Adapter not detected".
I have problems with drivers or didn't set something or jumpers are wrong.
Can someone tell me step by step what can I do.
Best regards and Thank you in advance.

11683. test && re-hi :)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-06-16 16:44:59 UTC
From: Fred KA4YBR
Topic: 11683 Message: 11683

Hi all,

Well, that wasn't fun, now was it?

Right on the day I left for Dayton, the data center in Europe where our old servers were still running, re-did their infrastructure, and "missed" that our
servers were still in operation until the fall. CLICK. Darkness...

We're happy to announce that, thanks to pretty good backup habits of yours truly, we were able to resurrect the website, e-mail and associated stuff to just a few days before the shutdown, and it looks like most stuff is indeed working again. Yay!

Since we also "upgraded" server operating systems, not all modules of the website are properly working yet. Don't despair, we ARE working on all that,
but, obviously, it's going to take some time!

(now having a wife and kids kinda complicates that, too *cough*)

So, hopefully, we will have DPNS and other services running sometime this week.

Many thanks go to John Hays and Ed Woodrick for the help!

Happy DSTARing !

--fred KA4YBR

--
Fred N. van Kempen, KA4YBR <fred@...>
The DUTCH*Star Project http://www.dutch-star.eu/

11684. Re: [gmsk_dv_node] test && re-hi :)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-06-16 16:49:23 UTC
From: Donald Jacob
Topic: 11683 Message: 11684

Great to see it back up.

73
WB5EKU
On Jun 16, 2015 9:45 AM, "'Fred KA4YBR' fred@... [gmsk_dv_node]" <
gmsk_dv_node@yahoogroups.com> wrote:

>
>
> Hi all,
>
> Well, that wasn't fun, now was it?
>
> Right on the day I left for Dayton, the data center in Europe where our old
> servers were still running, re-did their infrastructure, and "missed" that
> our
> servers were still in operation until the fall. CLICK. Darkness...
>
> We're happy to announce that, thanks to pretty good backup habits of yours
> truly, we were able to resurrect the website, e-mail and associated stuff
> to
> just a few days before the shutdown, and it looks like most stuff is indeed
> working again. Yay!
>
> Since we also "upgraded" server operating systems, not all modules of the
> website are properly working yet. Don't despair, we ARE working on all
> that,
> but, obviously, it's going to take some time!
>
> (now having a wife and kids kinda complicates that, too *cough*)
>
> So, hopefully, we will have DPNS and other services running sometime this
> week.
>
> Many thanks go to John Hays and Ed Woodrick for the help!
>
> Happy DSTARing !
>
> --fred KA4YBR
>
> --
> Fred N. van Kempen, KA4YBR <fred@...>
> The DUTCH*Star Project http://www.dutch-star.eu/
>
>

>

11685. Re: test && re-hi :)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-06-17 13:01:59 UTC
From: crs026@...
Topic: 11683 Message: 11685

Hey Fred, welcome back.
Did you have to get new servers?

Rick KD0OSS

11686. Using more than one GMSK modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-06-26 23:13:33 UTC
From: installer42571@...
Topic: 11686 Message: 11686

Hello everyone, I have two star boards and wanted to know if they could both be connected to a Raspberry Pi to run seperate radios? One on 2 meters and the other on 70 Centimeters. Thanks for any help. Scott KC0OKW

11687. Re: [gmsk_dv_node] Using more than one GMSK modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-06-26 23:17:30 UTC
From: Rudy Benner
Topic: 11686 Message: 11687

Yes they can. It can also be done on Windows through the magic of batch files.

Need to change the ID number on one of them, the default is 300, I would suggest one of them be 301.

K6JM has a nice package on his webpage with details that even I could follow.

rudy ve3bdr

From: mailto:gmsk_dv_node@yahoogroups.com
Sent: Friday, June 26, 2015 7:13 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Using more than one GMSK modem

Hello everyone, I have two star boards and wanted to know if they could both be connected to a Raspberry Pi to run seperate radios? One on 2 meters and the other on 70 Centimeters. Thanks for any help. Scott KC0OKW

11688. Re: [gmsk_dv_node] Using more than one GMSK modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-06-26 23:24:40 UTC
From: Donald Jacob
Topic: 11686 Message: 11688

Hi Scott,
If you are running IrcDDB and GMSK repeater, you can run multiple repeaters (GMSK) boards on one. One module B (UHF) and the other module C (VHF). The repeater configure program is pretty self explanatory, but there is also an instruction manual with the software.

Good Luck
73
Don
WB5EKU

On Fri, Jun 26, 2015 at 4:13 PM, installer42571@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

>
>
> Hello everyone, I have two star boards and wanted to know if they could
> both be connected to a Raspberry Pi to run seperate radios? One on 2 meters
> and the other on 70 Centimeters. Thanks for any help. Scott KC0OKW
>
>
>

11689. Re: Using more than one GMSK modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-06-26 23:50:44 UTC
From: installer42571@...
Topic: 11686 Message: 11689

Donald, I am running IRCDDB and GMSK repeater. On the repeater software it only allows you to set up one module. Both boards are set up with 300 as ID's. I will need to change one. I need to find out how to change the ID and how to add a second module(which is the B module). I have one running now and it is working great. I Am hoping to setup up B and C modules for now and then make my cables for dual radios and go full duplex. Thanks

11690. Re: [gmsk_dv_node] Re: Using more than one GMSK modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-06-26 23:57:09 UTC
From: Donald Jacob
Topic: 11686 Message: 11690

Scott,
NAtools, mainly NAwincfg that comes with it should do it for you.

You can find it at: dutch-star.nl
or probably moencomm.net

WB5EKU

On Fri, Jun 26, 2015 at 4:50 PM, installer42571@... [gmsk_dv_node] <
gmsk_dv_node@yahoogroups.com> wrote:

>
>
> Donald, I am running IRCDDB and GMSK repeater. On the repeater software it
> only allows you to set up one module. Both boards are set up with 300 as
> ID's. I will need to change one. I need to find out how to change the ID
> and how to add a second module(which is the B module). I have one running
> now and it is working great. I Am hoping to setup up B and C modules for
> now and then make my cables for dual radios and go full duplex. Thanks
>
>

11691. Re: Using more than one GMSK modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-06-27 01:38:33 UTC
From: installer42571@...
Topic: 11686 Message: 11691

Thanks for the help guys. This has firmware on it that was installed when it was shipped. dutch star is down so I am stuck. Tried to use natools and it tried now it doesn't see it. About ready to throw it in the trash and not worry about it. Thanks for your help but at this point I think trash can and call it good.

11692. Re: [gmsk_dv_node] Re: Using more than one GMSK modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-06-27 02:54:23 UTC
From: Dave Webb KB1PVH
Topic: 11686 Message: 11692

I just tried the Dutch Star site and it works fine.

http://www.dutch-star.eu

Dave-KB1PVH

On Jun 26, 2015 9:38 PM, "installer42571@gmail.com [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

Thanks for the help guys. This has firmware on it that was installed when it was shipped. dutch star is down so I am stuck. Tried to use natools and it tried now it doesn't see it. About ready to throw it in the trash and not worry about it. Thanks for your help but at this point I think trash can and call it good.

11693. Re: Using more than one GMSK modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-06-27 02:57:09 UTC
From: installer42571@...
Topic: 11686 Message: 11693

The website does. But Moencomm has to email me a code to enter on the Dutch Star site so the firmware can be downloaded.

11694. Re: Using more than one GMSK modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-06-27 08:19:13 UTC
From: m1dns.gb3hb@...
Topic: 11686 Message: 11694

You will need to run two instances of gmskrepeater, this will enable you to configure them separately.

sudo gmskrepeater module B
sudo gmskrepeater module C

Use the configuration menu from each module to set up the different addresses and port no's etc.

Within ircddbgateway config the first two modules as B and C with ip addresses port no's etc.

A.

(The names after gmskrepeater, module B / module C can be anything that makes sense to you)

---In gmsk_dv_node@yahoogroups.com, <installer42571@...> wrote :

Donald, I am running IRCDDB and GMSK repeater. On the repeater software it only allows you to set up one module. Both boards are set up with 300 as ID's. I will need to change one. I need to find out how to change the ID and how to add a second module(which is the B module). I have one running now and it is working great. I Am hoping to setup up B and C modules for now and then make my cables for dual radios and go full duplex. Thanks

11695. Re: Using more than one GMSK modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-06-27 10:43:28 UTC
From: ncstang95@...
Topic: 11686 Message: 11695

Another thing to keep in mind is that you would want to have the board completely set up prior to changing the address of the board. I changed the address to use on my pi, then went to set the firmware. Windows wouldn't see the new address of the board.

I don't recall the items that needed changing, I think it was in the registry to set the new address in order to make changes to the firmware. I ended up having to re-flash the board again, then start over. This was using Win XP to make changes for proper radio operation then hooking to the pi with the "beta' firmware.

Roy Rieck
AJ4RC

11696. Re: [gmsk_dv_node] Re: Using more than one GMSK modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-06-27 11:46:28 UTC
From: Dave Webb KB1PVH
Topic: 11686 Message: 11696

So you got the board without firmware loaded on it and you need the firmware?

Dave-KB1PVH

On Jun 26, 2015 10:57 PM, "installer42571@gmail.com [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

The website does. But Moencomm has to email me a code to enter on the Dutch Star site so the firmware can be downloaded.

11697. Re: [gmsk_dv_node] Re: Using more than one GMSK modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-06-27 13:13:15 UTC
From: Scott Brueschke
Topic: 11686 Message: 11697

I tried to change the I'd on the board and started to but quit half way thru and now na tools doesn't see it.

11698. Re: [gmsk_dv_node] Re: Using more than one GMSK modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-06-27 17:28:40 UTC
From: Scott Brueschke
Topic: 11686 Message: 11698

I would also need to run gmsk repeater twice on my Pi. I will need to figurre that out also. Untill I get the email about the firmware, I am at a standstill.

On Sat, Jun 27, 2015 at 8:13 AM, Scott Brueschke <installer42571@...> wrote:

> I tried to change the I'd on the board and started to but quit half way
> thru and now na tools doesn't see it.
>

11699. Re: Using more than one GMSK modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-06-27 22:08:24 UTC
From: jim@...
Topic: 11686 Message: 11699

I'm on the road, back Sun night. If you are able to run the G4KLX software, you must have Beta firmware preloaded. So all you need is setpid to change the usb product id (PID). As far as I know, the DUTCH*Star site is back up, so you can get the Windows setpid from there.

If you want to do everything on the Pi, I can send you an ARM Linux version when I return home.

You have gotten good advice about DStarRepeater.
If I have additional docs aboutt this at home, will send them. Also feel free contact me directly at sales@moencomm.com .

Jim - K6JM

11700. Re: [gmsk_dv_node] Re: Using more than one GMSK modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-06-27 22:11:09 UTC
From: Scott Brueschke
Topic: 11686 Message: 11700

Ok Jim, Thanks.
On Jun 27, 2015 5:08 PM, "jim@... [gmsk_dv_node]" <
gmsk_dv_node@yahoogroups.com> wrote:

>
>
> I'm on the road, back Sun night. If you are able to run the G4KLX
> software, you must have Beta firmware preloaded. So all you need is setpid
> to change the usb product id (PID). As far as I know, the DUTCH*Star site
> is back up, so you can get the Windows setpid from there.
>
> If you want to do everything on the Pi, I can send you an ARM Linux
> version when I return home.
>
> You have gotten good advice about DStarRepeater.
> If I have additional docs aboutt this at home, will send them. Also feel
> free contact me directly at sales@... .
>
> Jim - K6JM
>
>

11701. RE: [gmsk_dv_node] Using more than one GMSK modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-06-30 22:42:19 UTC
From: J. M. Moen
Topic: 11686 Message: 11701

Based on a direct email I sent to Scott about this, I decided to draft a new web page about how to change the USB Product ID (PID) on a DUTCH*Star firmware GMSK Modem, and the basics of how to modify the G4KLX programs to support multiple modules/bands.

The menu for D-Star pages is found at www.k6jm.com/dstar

For this new page, go to http://www.k6jm.com/hs-setpid.htm

I will be adding a bit more detail, but wanted to get the key info into a page while I was thinking about it.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Friday, June 26, 2015 4:14 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Using more than one GMSK modem
Hello everyone, I have two star boards and wanted to know if they could both be connected to a Raspberry Pi to run seperate radios? One on 2 meters and the other on 70 Centimeters. Thanks for any help. Scott KC0OKW

11702. RE: [gmsk_dv_node] Using more than one GMSK modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-07-01 22:37:43 UTC
From: installer42571@...
Topic: 11686 Message: 11702

Thanks Jim, It is allup and running.

11703. WinDv in mac emulator

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-07-05 05:50:54 UTC
From: gm4jnw@...
Topic: 11703 Message: 11703

I have till now been using DVtools with my macbook air and it worked great but i wanted to use a repeater that was not on the list (GB7RW) so a friend suggested getting WinDv and obviously its for windows.
I have been using it on my mac with parallels emulator on windows 7, not ideal but it works ok.
I have a small windows laptop running windows 8.1 and the latest WinDv software and it runs most of the time ok but I always get better audio reports on the mac plus it sounds so much better and get into GB7RW fine.

Question is will the software ever be available in a mac version? so it can run without using an emulator.

I won't go into the windows/mac argument but my mac is always rock solid on programs so for everything else apart from WinDv when i want to get into GB7RW I use the mac.

11704. Re: WinDv in mac emulator

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-07-05 10:22:40 UTC
From: m1dns.gb3hb@...
Topic: 11703 Message: 11704

If you invest the equivalent diference in a hi quality mic and a mic preamp, I'm sure your Win laptop audio would exceed the MBA.

By purchasing an audio technica at4033 or a heil pr40, with associated mic boom and holder. Connect by USB to the laptop using a xlr to USB preamp, you'll have great audio.

Now you spent the same on the win setup as you have the MBA, and got even better results

Regards A. ☐

---In gmsk_dv_node@yahoogroups.com, <gm4jnw@...> wrote :

I have till now been using DVtools with my macbook air and it worked great but i wanted to use a repeater that was not on the list (GB7RW) so a friend suggested getting WinDv and obviously its for windows.
I have been using it on my mac with parallels emulator on windows 7, not ideal but it works ok.
I have a small windows laptop running windows 8.1 and the latest WinDv software and it runs most of the time ok but I always get better audio reports on the mac plus it sounds so much better and get into GB7RW fine.

Question is will the software ever be available in a mac version? so it can run without using an emulator.

I won't go into the windows/mac argument but my mac is always rock solid on programs so for everything else apart from WinDv when i want to get into GB7RW I use the mac.

11705. Re: GMSK Node Adapter

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-07-08 20:17:44 UTC
From: rolmtech@...
Topic: 7927 Message: 11705

in my dvar hot spot it show under GMSK Node Adaptor either n"GMSK Node adaptor Not Found", sometimes it shows :Disabled". I can see my call sign if I connect to ref14c.

11706. RE: [gmsk_dv_node] WinDv in mac emulator

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-07-12 02:33:58 UTC
From: J. M. Moen
Topic: 11703 Message: 11706

You asked: “ will the software ever be available in a mac version?“ Fred, PA4YBR/KA4YBR, author of DV Node for Windows/WinDV, has written that he is working on rewriting DV Node using Qt for GUI management, so it can be delivered on platforms where Qt is supported. While the obvious targets in addition to Windows would be x86 and x86_64 Linux, as well as ARM Linux such as the Pi, Qt documents also show how to install Qt on OSX. When the new DV Node is ready, and if there is sufficient demand for OS X, we might be able to convince Fred to compile for OS X.

I am not a Mac expert, but have played with Macs and have used Parallels also. I have also read of people using the Wine emulator for D*Star programs with success.

When you say you are running WinDV on the Mac using a Windows 7 Parallels virtual machine, and that is not ideal, are you saying the performance suffers, or you just don’t like the emulation? If there is a performance problem, you might let us know what the symptoms are. There are sometimes solutions if the VM is either short on memory or CPU resources.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, July 04, 2015 10:51 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] WinDv in mac emulator
I have till now been using DVtools with my macbook air and it worked great but i wanted to use a repeater that was not on the list (GB7RW) so a friend suggested getting WinDv and obviously its for windows.
I have been using it on my mac with parallels emulator on windows 7, not ideal but it works ok.
I have a small windows laptop running windows 8.1 and the latest WinDv software and it runs most of the time ok but I always get better audio reports on the mac plus it sounds so much better and get into GB7RW fine.
Question is will the software ever be available in a mac version? so it can run without using an emulator.
I won't go into the windows/mac argument but my mac is always rock solid on programs so for everything else apart from WinDv when i want to get into GB7RW I use the mac.,_.___

Posted by: gm4jnw@...

11707. RE: [gmsk_dv_node] Re: GMSK Node Adapter

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-07-12 02:45:10 UTC
From: J. M. Moen
Topic: 7927 Message: 11707

If DVAR cannot “see“ the GMSK Modem, it will complain, but it will still allow you to link to a DPlus repeater or reflector. Of course, you won’t be able to hear anyone through your modem on your analog radio, or talk to anyone.

You didn’t say what kind of modem you have. Is yours running DUTCH*Star firmware or Satoshi firmware or what?

Have you successfully run DVAR with a GMSK Modem on this PC before? If not, you probably don’t have the needed driver installed.

If DUTCH*Star firmware, install the COMPLETE version of NATools, including the driver. There are some tricks for certain operating systems, including XP and 64 bit Win 8. Again, if using DUTCH*Star firmware, check out Step 2 at http://www.k6jm.com/hs-setup.htm . Once NAWinCFG and/or NAWinTEST can see the board, DVAR will also be able to see it.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, July 08, 2015 1:18 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: GMSK Node Adapter
in my dvar hot spot it show under GMSK Node Adaptor either n"GMSK Node adaptor Not Found", sometimes it shows :Disabled". I can see my call sign if I connect to ref14c.

Posted by: rolmtech@...
--

11708. RE: [gmsk_dv_node] Need help starting node [1 Attachment]

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-07-12 02:57:59 UTC
From: J. M. Moen
Topic: 11682 Message: 11708

This is an older post. Sorry it’s taken me so long to comment.

You are the proud owner of a NQSMHS (Not Quite So Mini HotSpot) from Mark Phillips NI2O. He sold those with DUTCH*Star firmware, but I am guessing you were not given the license code when you got the board from your friend, so you may end up wanting to buy your own license at http://www.dutch-star.eu/ (it is reasonably priced).

I say that because I am guessing you have an older version of the firmware. You want either the production version or the Beta version (get the latter if you plan to run G4KLX software or FreeStar).

BUT – your initial problem is just to get NATools installed on your 64 bit Windows PC. Take a look at Step 2 at http://www.k6jm.com/hs-setup.htm . Note that Win 8.1 64 bit has a special 3-step procedure. In Step 1, you install NATools without the driver; in Step 2, you temporarily disable driver signature enforcement; in Step 3, you install only the driver. That will then let you run NAWinCFG so you can see what version firmware is on the board.

Contact me directly if you have more questions. My first GMSK Modem was a NQSMHS from Mark.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, June 15, 2015 3:13 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Need help starting node [1 Attachment]

[Attachment(s) <> from lz1idd@... [gmsk_dv_node] included below]
Hello all,
Sorry for asking questions that I think are asked alot. I did get node from a friend I seen lots of explanations but seem I'm mistaken somewhere.
I attach pic of the nod. When I install natools64-1.0.15 I get "Node Adapter not detected". I have problems with drivers or didn't set something or jumpers are wrong.
Can someone tell me step by step what can I do.
Best regards and Thank you in advance.
Attachment(s) from lz1idd@... [gmsk_dv_node] | View attachments on the web <https://groups.yahoo.com/neo/groups/gmsk_dv_node/attachments/869160417;_ylc=X3oDMTJyMGdwam9qBF9TAzk3MzU5NzE0BGdycElkAzIzMzc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDYXR0YWNobWVudARzbGsDdmlld09uV2ViBHN0aW1lAzE0MzQzNjMxNjQ->
1 of 1 File(s)
DSC_0019.JPG <https://xa.yimg.com/kq/groups/23375700/2017872589/name/DSC_0019%2EJPG>

Posted by: lz1idd@...

11709. Re: [gmsk_dv_node] WinDv in mac emulator

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-07-12 05:44:05 UTC
From: Les Norton
Topic: 11703 Message: 11709

What I mean is yes there is a hit on performance, sometimes WinDV crashes and locks up, where some other programs i.e.; ms word etc goes on without problems
i think it may be an allocation of memory but its a relatively new macbook air, or internet speed.
The memory in the macbook air is fixed.
The machine is actually really fast but on streaming tv programs as an example, sometimes it fine but sometimes not, and due to the speed of the internet HD content cannot be selected.(2-2.5 download speed)
However i would have thought that would be adequate for WinDv as when I'm using DVtools in mac in never ever fails or crashes.

My thoughts is that as mac OS X is running underneath the emulator thats where the problem lies, its difficult to know as when i run DVtools in Windows it seems fine.

For now I'll just continue running DVtools for most or the time but when i need to use GB7RW I'll use WinDV, I do look forward to getting hold of a copy of WinDv in Mac and am willing to Beta test if required.

In comparison I have ordered a software defined radio and that will take a hit on memory, I am going to test it in Mac and Windows emulator so that will be interesting to see if it locks up at any time.

Im not sure how to allocate memory to the emulator while its open its beyond my knowledge but willing to try if anyone has the info, my spec is macbook air 13-inch Early 2014, ram 4gb (fixed) processor 1.4 ghz intel coreI5 2 core, running OS X Yosemite, 121 gb storage, 14gb free

Thanks
G4JNW - Les

> On 12 Jul 2015, at 03:33, 'J. M. Moen' jim@... [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com> wrote:
>
>
> You asked: " will the software ever be available in a mac version?" Fred, PA4YBR/KA4YBR, author of DV Node for Windows/WinDV, has written that he is working on rewriting DV Node using Qt for GUI management, so it can be delivered on platforms where Qt is supported. While the obvious targets in addition to Windows would be x86 and x86_64 Linux, as well as ARM Linux such as the Pi, Qt documents also show how to install Qt on OSX. When the new DV Node is ready, and if there is sufficient demand for OS X, we might be able to convince Fred to compile for OS X.
>
> I am not a Mac expert, but have played with Macs and have used Parallels also. I have also read of people using the Wine emulator for D*Star programs with success.
>
> When you say you are running WinDV on the Mac using a Windows 7 Parallels virtual

machine, and that is not ideal, are you saying the performance suffers, or you just don’t like the emulation? If there is a performance problem, you might let us know what the symptoms are. There are sometimes solutions if the VM is either short on memory or CPU resources.
>
> Jim – K6JM
>
> From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com> [mailto:gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>]
> Sent: Saturday, July 04, 2015 10:51 PM
> To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>
> Subject: [gmsk_dv_node] WinDv in mac emulator
>
> I have till now been using DVtools with my macbook air and it worked great but i wanted to use a repeater that was not on the list (GB7RW) so a friend suggested getting WinDv and obviously its for windows.
>
> I have been using it on my mac with parallels emulator on windows 7, not ideal but it works ok.
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> I have a small windows laptop running windows 8.1 and the latest WinDv software and it runs most of the time ok but I always get better audio reports on the mac plus it sounds so much better and get into GB7RW fine.
>
> Question is will the software ever be available in a mac version? so it can run without using an emulator.
>
> I won't go into the windows/mac argument but my mac is always rock solid on programs so for everything else apart from WinDv when i want to get into GB7RW I use the mac.,_.___
>
>
> Posted by: gm4jnw@... <mailto:gm4jnw@...>
>
>
>

11710. RE: [gmsk_dv_node] Re: GMSK Node Adapter

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-07-12 17:21:52 UTC
From: Jim
Topic: 7927 Message: 11710

The software is off Dutch Star web site but it is from KB9KHM. In the gateway system do I need the modules assigned or associated with my call sign IE:A,B,C,N,R? I am trying this on 2 machines a XP-Pro laptop and an 8.1 desktop. I can connect, but cannot talk or receive audio on either. I got the board from NX6N and we asked to have the license transferred. I think that happened as the board now enables and has an address. Hopefully it is just assigning the module after my call. If that doesn't work, I'll uninstall all and start over again.

Tnx

Jim

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, July 11, 2015 7:45 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: GMSK Node Adapter

If DVAR cannot "see" the GMSK Modem, it will complain, but it will still allow you to link to a DPlus repeater or reflector. Of course, you won't be able to hear anyone through your modem on your analog radio, or talk to anyone.

You didn't say what kind of modem you have. Is yours running DUTCH*Star firmware or Satoshi firmware or what?

Have you successfully run DVAR with a GMSK Modem on this PC before? If not, you probably don't have the needed driver installed.

If DUTCH*Star firmware, install the COMPLETE version of NATools, including the driver. There are some tricks for certain operating systems, including XP and 64 bit Win 8. Again, if using DUTCH*Star firmware, check out Step 2 at <http://www.k6jm.com/hs-setup.htm> http://www.k6jm.com/hs-setup.htm . Once NAWinCFG and/or NAWinTEST can see the board, DVAR will also be able to see it.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>
[mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, July 08, 2015 1:18 PM
To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>
Subject: [gmsk_dv_node] Re: GMSK Node Adapter

in my dvar hot spot it show under GMSK Node Adaptor either n"GMSK Node adaptor Not Found", sometimes it shows :Disabled". I can see my call sign if I connect to ref14c.

Posted by: <mailto:rolmtech@...> rolmtech@...

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11711. RE: [gmsk_dv_node] Re: GMSK Node Adapter

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-07-12 19:19:39 UTC
From: J. M. Moen
Topic: 7927 Message: 11711

Sounds like you have successfully installed NATools and the GMSK Modem driver. In that case, I would strongly advise you to get NAWinTEST working next, both RF Read function and Echo Test. That will assure you have found the correct RX Invert and TX Invert settings for the particular analog radio you are using, for the band it is being tested on. Use Step 4 at http://www.k6jm.com/hs-setup.htm as your guide.

Regarding DVAR configuration, take a look at “Install and Configure DVAR Hot Spot software at http://www.k6jm.com/hs-setupdvar.htm .

You are linking to DPLus reflectors, and DPlus checks that your callsign is registered. To make sure, go to one of the US Trust registration lookup sites like http://query.ke5bms.com/index.php and enter your callsign to see what has been registered.

Note that DPlus is in the process of being changed and I don’t know the status. In the past, and it may still be true, DPlus checked that your terminals (callsign plus band module) existed. (In the future, it will only check that the base callsign is registered.)

So, for example, DVAR’s Settings window has a place to enter Node Callsign and Band Module. If you entered W1ABC and C, then DPLus would want to find a terminal in the registration database like that.

There is also a place to enter Gateway Auth Callsign, and that must be registered. Otherwise, when you attempt to link to a DPlus reflector or repeater, DPlus will allow you to link in Read-Only status, meaning you can listen to QSOs but not transmit out.

So be sure your callsign with band modules are registered. If you are not registered, check out Step 1 at http://www.k6jm.com/hs-setup.htm .

Not being able to hear QSOs when connected to a reflector like REF014C, even if in Read-Only status, could be because you don’t have your TX Invert setting done correctly for your radio. So your issues could be a combination of firmware settings and registration problems.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Sunday, July 12, 2015 10:22 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: GMSK Node Adapter
The software is off Dutch Star web site but it is from KB9KHM. In the gateway system do I need the modules assigned or associated with my call sign IE:A,B,C,N,R? I am trying this on 2 machines a XP-Pro laptop and an 8.1 desktop. I can connect, but cannot talk or receive audio on either. I got the board from NX6N and we asked to have the license transferred. I think that happened as the board now enables and has an address. Hopefully it is just assigning the module after my call. If that doesn’t work, I’ll uninstall all and start over again.
Tnx

Jim
From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, July 11, 2015 7:45 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: GMSK Node Adapter
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You didn’t say what kind of modem you have. Is yours running DUTCH*Star firmware or Satoshi firmware or what?
Have you successfully run DVAR with a GMSK Modem on this PC before? If not, you probably don’t have the needed driver installed.
If DUTCH*Star firmware, install the COMPLETE version of NATools, including the driver. There are some tricks for certain operating systems, including XP and 64 bit Win 8. Again, if using DUTCH*Star firmware, check out Step 2 at http://www.k6jm.com/hs-setup.htm . Once NAWinCFG and/or NAWinTEST can see the board, DVAR will also be able to see it.
Jim – K6JM
From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, July 08, 2015 1:18 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: GMSK Node Adapter
in my dvar hot spot it show under GMSK Node Adaptor either n"GMSK Node adaptor Not Found", sometimes it shows :Disabled". I can see my call sign if I connect to ref14c.
Posted by: rolmtech@...

11712. Node adapter not recognized by DVAR or WinDV.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-07-13 18:50:06 UTC
From: Doug Ferrell KD4MOJ
Topic: 11712 Message: 11712

This is a reinstall... my other pc that I had a previous installation just gave up the ghost.

I have DVAR Hotspot installed, the winUSB.DLL copied into win\system32 folder and WinDV also installed. This is on a x64 Win7 box. Device manager shows
Jim Moen's board installed and the msg "This device is working properly" but both DVAR Hotspot and WinDV do recognize it as being plugged in. Not sure
what i'm missing ???

...DOUG
KD4MOJ

11713. RE: [gmsk_dv_node] Node adapter not recognized by DVAR or WinDV.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-07-13 21:08:03 UTC
From: J. M. Moen
Topic: 11712 Message: 11713

You write you are installing on a Win7/64bit machine. You only need to download the winusb.zip file and install winusb.dll for Windows XP machines. I would remove the one you installed, just to be safe.

I would also uninstall NATools, then download the 64 bit version of NATools and do a COMPLETE install, which should install the correct driver. Then when you plug in the board, Device Manager will show a new class of device "GMSK Devices" and under that, you will see device "GMSK Node Adapter". When you see that, then DVAR and WinDV should be able to find the board.

There's a good chance that the NATools programs will give you an error message about

RICHTX32.OCX being missing. If so, you can install that using info at http://www.k6jm.com/hs-setupocx.htm .

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, July 13, 2015 11:50 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Node adapter not recognized by DVAR or WinDV.

This is a reinstall... my other pc that I had a previous installation just gave up the ghost.

I have DVAR Hotspot installed, the winUSB.DLL copied into win\system32 folder and WinDV also installed. This is on a x64 Win7 box. Device manager shows
Jim Moen's board installed and the msg "This device is working properly" but both DVAR Hotspot and WinDV do recognize it as being plugged in. Not sure what i'm missing ???

...DOUG
KD4MOJ

Posted by: Doug Ferrell KD4MOJ < <mailto:lists@...> lists@...>

11714. RE: [gmsk_dv_node] Node adapter not recognized by DVAR or WinDV.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-07-13 23:47:21 UTC
From: rolmtech@...
Topic: 11712 Message: 11714

N6xn mentioned reverse audio. where do I find that?

11715. RE: [gmsk_dv_node] Node adapter not recognized by DVAR or WinDV.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-07-14 00:32:47 UTC
From: J. M. Moen
Topic: 11712 Message: 11715

Short answer: See our FAQ at http://www.gmskdvnode.info/ -- questions 6 and 7.

More details: Step 4.c at http://www.k6jm.com/hs-setup.htm

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, July 13, 2015 4:47 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Node adapter not recognized by DVAR or WinDV.
N6xn mentioned reverse audio. where do I find that?

Posted by: rolmtech@...

11716. RE: [gmsk_dv_node] Node adapter not recognized by DVAR or WinDV.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-07-14 12:21:28 UTC
From: Doug Ferrell KD4MOJ
Topic: 11712 Message: 11716

Thanks Jim. I'll give your instructions a try. Somehow I missed the fact that winusb.dll was only for XP and not win7.

...DOUG
KD4MOJ

11717. DVAR Hot Spot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-07-14 18:17:13 UTC
From: rolmtech@...
Topic: 11717 Message: 11717

I have been over everything a couple times. I have had John (whom I got the board from and had his license transferred to me n6xn) helping me and everything works fine except no receive audio out of 2820. either in the test mode or when connected to a reflector. works fine if connected to a repeater site. have inverted both or 1 at a time rx & tx to no avail. board worked with John's setup so I do not want to start messing with setting on the board. any suggestions?

11718. RE: [gmsk_dv_node] DVAR Hot Spot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-07-14 20:07:49 UTC
From: J. M. Moen
Topic: 11717 Message: 11718

To be sure I understand, when you run NAWinTEST, RF Read function, and press PTT on your D-Star radio, the RF Read window show callsigns at the top, and the data buffers scroll by? If so, you have RX Invert set correctly, so don’t change that setting.

Next, do the Echo Test. When you transmit from your D-Star radio, the RF Read window should put up a message that it is recording. When you let up on PTT, it should then put your analog radio into transmit and play some audio followed by the recording of your transmission.

If you see that the analog radio is transmitting, but your D-Star radio is unable to decode it, then do it again, this time with a long transmission from the D-Star radio so you will get a long playback. During playback, carefully and slowly adjust the TX trim pot until hopefully you get decoding and can hear the playback.

If that doesn’t happen, then exit NAWinTEST and run NAWinCFG. Flip the TX Invert value and save. Then go back and re-run Echo Test, and again, slowly adjust the TX trim pot until you can hear your playback on your D-Star radio.

If you are unable to get Echo Test to work, then there are other settings problems. The most common one has to do with the “mode” of the GMSK Modem. I can’t remember the options on your NQSMHS, but it is possible that board supports both Version 4 mode and Version 5 mode (this refers to features in Satoshi’s original boards). On boards that support both, there are jumpers that you can set. If the board is jumpered for V4, then the firmware settings using NAWinCFG should not have RSSI enabled.

If, on the other hand, the board is jumpered for V5, then you do want RSSI enabled using NAWinCFG.

If you are not sure and can’t find the docs on your NQSMHS regarding jumpers, let us know. I can dig through my stuff and send you the info.

In any case, I would not bother trying to run DVAR or WinDV until Echo Test works perfectly.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, July 14, 2015 11:17 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] DVAR Hot Spot
I have been over everything a couple times. I have had John (whom I got the board from and had his license transferred to me n6xn) helping me and everything works fine except no receive audio out of 2820. either in the test mode or when connected to a reflector. works fine if connected to a repeater site. have inverted both or 1 at a time rx & tx to no avail. board worked with John's setup so I do not want to start messing with setting on the board. any suggestions?_._,_.___

Posted by: rolmtech@...

11719. DVMEGA D-Star radio converter

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-07-15 11:46:34 UTC
From: guusvandooren@...
Topic: 11719 Message: 11719

I 'm about to release the firmware for the D-Star converter. Place a DVMEGA AMBE3000 and DVMEGA GMSK shield on an Arduino MEGA, and the D-Star converter is ready to be connected to a 9K6 capable transceiver. If you want to test the Beta version I request you to send me a message. You will also receive a small app to do the settings needed to access the network and repeater. The D-Star converter can operate stand alone.

Guus
PE1PLM

11720. RE: [gmsk_dv_node] DVAR Hot Spot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-07-15 15:05:04 UTC
From: Fred KA4YBR
Topic: 11717 Message: 11720

Hi,

First things first. Does the system recognize (load) a driver for the board,
and do the standard tools (NAtools) see the board ?

If not.. trying applications is pointless. My suspicion is that the board is
not being linked to the WinUSB core. Can you show us (or email me) a screendump of the output of your computer's "Device Manager" with all nodes expanded?

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, July 14, 2015 2:17 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] DVAR Hot Spot

I have been over everything a couple times. I have had John (whom I got the board from and had his license transferred to me n6xn) helping me and everything works fine except no receive audio out of 2820. either in the test mode or when connected to a reflector. works fine if connected to a repeater site. have inverted both or 1 at a time rx & tx to no avail. board worked with John's setup so I do not want to start messing with setting on the board. any suggestions?

11721. Re: [gmsk_dv_node] DVMEGA D-Star radio converter

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-07-15 15:56:26 UTC
From: Donald Jacob
Topic: 11719 Message: 11721

Guus,
I eould love to beta the board. Please send info on what I need to do to receive it.
Thank you

Don Jacob
WB5EKU

11722. RE: [gmsk_dv_node] DVAR Hot Spot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-07-16 22:36:22 UTC
From: g0tjh@yahoo.co.uk
Topic: 11717 Message: 11722
Attachments: 2 described; binary payloads are missing from this source WARC

Fred
Sorry to mail you this way but I have been tying to contact you re my order
I placed back in Jan this year but have failed to make contact.
Can you mail me off list and tell me the state of play with my order please

Ian G0TJH

-------Original Message-------

From: 'Fred KA4YBR' fred@dutch-star.eu [gmsk_dv_node]
Date: 15/07/2015 16:05:26
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] DVAR Hot Spot

Hi,

First things first. Does the system recognize (load) a driver for the board

and do the standard tools (NAtools) see the board ?

If not.. trying applications is pointless. My suspicion is that the board
is
not being linked to the WinUSB core. Can you show us (or email me) a
screendump of the output of your computer's "Device Manager" with all
nodes expanded?

--fred

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, July 14, 2015 2:17 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] DVAR Hot Spot

I have been over everything a couple times. I have had John (whom I got the
board from and had his license transferred to me n6xn) helping me and
everything works fine except no receive audio out of 2820. either in the
test mode or when connected to a reflector. works fine if connected to a
repeater site. have inverted both or 1 at a time rx & tx to no avail. board
worked with John's setup so I do not want to start messing with setting on
the board. any suggestions?

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11723. Re: DVAR Hot Spot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-07-17 06:40:45 UTC
From: kd2alv@...
Topic: 11717 Message: 11723

Hi all,

My Starboard works great on my Icom 7000 but I too am unable to no receive audio out of 2820. I do hear that the 2820 is transmitting but it comes in as noise. Did all that is recommended. The one thing that I notice on my Icom 31A HT is that the DV of the DV-A is intermittent.

Thanks in advance,

73,

Dan

hk3dc/kd2alv

11724. Western Star Image "Control" tabs - how to use

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-07-20 03:32:27 UTC
From: Shawn P. Stokes
Topic: 11717 Message: 11724

So I have a MoenComm Star board as a hotspot, running on a Pi Model B using the Western Star image and it’s tied into an old TM-V7A off a RS-12A and left to run in our spare bedroom on the top floor as a package. It works just fine as a hotspot and give me the coverage I want. I access the Pi through Chicken of the VNC on my Mac and have no problems getting into it. The only problem I do have is, and I assume it’s a router issue on my end, but after so many days (I really don’t know how many as I don’t use it every day, I keep it up for me and a buddy in the next neighborhood over incase he wants to use it) it loses the ability to connect out. It tries but can’t connect. If I walk up stairs and pull the power on the Pi and reboot it, it reboots fine and works for some time afterwards. Honestly I’ve not checked to see if I can get into it from Chicken to see if its the software or the wifi link.

Either way - while setting up the Western DStar image for use I noticed two control tabs that lead me to think that on the RF side I can force a reboot of the system (or other commend) and therefore the software and get it work again. Since I never have a problem on the RF side I figure this would be an easy way to reboot it without walking up stairs, when out of the house or through Chicken. The only problem is, I can’t find any documentation on how to utilize the feature. The info on the MoenComm site is awesome for setting it up and got me on the air but thats setup and I can’t find anything on Western Star about it at all. I’ll accept it maybe user error of not looking in the right place but I’m at the point of asking now after spending some time looking. Anyone have an idea?

Thanks and 73,

Shawn

--
Shawn P. Stokes, KA3RQR
NVFMA Board of Directors
ka3rqr@gmail.com

11725. RE: [gmsk_dv_node] Re: DVAR Hot Spot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-07-20 09:46:59 UTC
From: J. M. Moen
Topic: 11717 Message: 11725

Just because the board's firmware was configured to work correctly with one transceiver, there is no guarantee it will work with a different transceiver.

You probably configured the board's firmware to work with the 7000, but have not yet configured it to work with the 2820. What you probably want to do is bring up NAWinTest and first make sure RF Read works. If not, use NAWinCFG to flip the RX Read setting, then try RF Read again.

Once that works, then try NAWinTEST's Echo Test. In this case, each test is all about carefully adjusting the TX trim pot (on the Star*Board, that is R36) while Echo Test is playing back the received transmission, until your D-Star radio can decode it. If you can't find that sweet spot, exit NAWinTEST and bring up NAWinCFG and flip the TX Invert setting, that try Echo Test and adjusting the TX trim pot again.

Only after Echo Test works perfectly should you worry about trying to run a Hotspot program like DVAR or WinDV.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, July 16, 2015 11:41 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: DVAR Hot Spot
Hi all,
My Starboard works great on my Icom 7000 but I too am unable to no receive audio out of 2820. I do hear that the 2820 is transmitting but it comes in as noise. Did all that is recommended. The one thing that I notice on my Icom 31A HT is that the DV of the DV-A is intermittent.

Thanks in advance,

73,

Dan
hk3dc/kd2alv_._,_.___

Posted by: kd2alv@me.com

11726. RE: [gmsk_dv_node] Western Star Image "Control" tabs - how to use

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-07-20 10:25:21 UTC
From: J. M. Moen
Topic: 11717 Message: 11726

It would be nice to solve the root cause problem for the linking problems, but in the meantime, yes, you can configure the G4KLX program DstarRepeater to reboot the Pi.

It’s late where I am, so I will tell you what I would do, but it has been awhile since I did this and if someone else spots an error, hopefully they will give the more correct info.

I would do the following:
* Use the Westerndstar Widget to run the DstarRepeater Config program
* Navigate to the Control 1 tab
o Set Control to Enabled
o Change Rpt1 value to yourvalue1, e.g. Remote
o Change RPt2 value to yourvalue2, e.g. Control
* Navigate to the Control 2 tab
o Set Command 1 to SHUTDOWN and the following field to sudo shutdown –h now
o Set Command 2 to Restart and the following field to sudo shutdown –r now
* File > Save
* Exit the Config program and have the Widget reboot the Pi

Next, get out your programming software for your D-Star radio and set up 2 memories as follows:
* Name of memory – your choice, but how about Shutdown for one memory and Restart for the other, and set frequencies to access your Hotspot or repeater
* Turn on DUP
* If simplex, set offset to 0
* RPT1 = yourvalue1 (for example, Remote)
* RPT2 = yourvalue2 (for example, Control)
* URCall = SHUTDOWN (for the first memory) and RESTART (for the 2nd one you are creating)

Now, when you want to reboot your Pi, change memory to Restart and press PTT. That should tell the G4KLX DstarRepeater to execute the command “sudo shutdown –r now” which will do a graceful shutdown followed immediately by a restart. The Shutdown command obviously just shuts the Pi down, gracefully.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Sunday, July 19, 2015 8:32 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Western Star Image "Control" tabs - how to use

So I have a MoenComm Star board as a hotspot, running on a Pi Model B using the Western Star image and it’s tied into an old TM-V7A off a RS-12A and left to run in our spare bedroom on the top floor as a package. It works just fine as a hotspot and give me the coverage I want. I access the Pi through Chicken of the VNC on my Mac and have no problems getting into it. The only problem I do have is, and I assume it’s a router issue on my end, but after so many days (I really don’t know how many as I don’t use it every day, I keep it

up for me and a buddy in the next neighborhood over incase he wants to use it) it loses the ability to connect out. It tries but can’t connect. If I walk up stairs and pull the power on the Pi and reboot it, it reboots fine and works for some time afterwards. Honestly I’ve not checked to see if I can get into it from Chicken to see if its the software or the wifi link.

Either way - while setting up the Western DStar image for use I noticed two control tabs that lead me to think that on the RF side I can force a reboot of the system (or other commend) and therefore the software and get it work again. Since I never have a problem on the RF side I figure this would be an easy way to reboot it without walking up stairs, when out of the house or through Chicken. The only problem is, I can’t find any documentation on how to utilize the feature. The info on the MoenComm site is awesome for setting it up and got me on the air but thats setup and I can’t find anything on Western Star about it at all. I’ll accept it maybe user error of not looking in the right place but I’m at the point of asking now after spending some time looking. Anyone have an idea?

Thanks and 73,

Shawn

--
Shawn P. Stokes, KA3RQR
NVFMA Board of Directors
ka3rqr@...

11727. Re: [gmsk_dv_node] Western Star Image "Control" tabs - how to use

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-07-20 11:39:13 UTC
From: brian
Topic: 11717 Message: 11727

Hi Shawn I have posted a PDF document on the pcrepatercontroller forum that will help you with this. Brian gw6wtk Sent from Samsung Mobile
-------- Original message --------
From: "'Shawn P. Stokes' ka3rqr@gmail.com [gmsk_dv_node]"
Date:20/07/2015 05:32 (GMT+01:00)
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Western Star Image "Control" tabs - how to use

So I have a MoenComm Star board as a hotspot, running on a Pi Model B using the Western Star image and it’s tied into an old TM-V7A off a RS-12A and left to run in our spare bedroom on the top floor as a package. It works just fine as a hotspot and give me the coverage I want. I access the Pi through Chicken of the VNC on my Mac and have no problems getting into it. The only problem I do have is, and I assume it’s a router issue on my end, but after so many days (I really don’t know how many as I don’t use it every day, I keep it up for me and a buddy in the next neighborhood over incase he wants to use it) it loses the ability to connect out. It tries but can’t connect. If I walk up stairs and pull the power on the Pi and reboot it, it reboots fine and works for some time afterwards. Honestly I’ve not checked to see if I can get into it from Chicken to see if its the software or the wifi link. Either way - while setting up the Western DStar image for use I noticed two control tabs that lead me to think that on the RF side I can force a reboot of the system (or other commend) and therefore the software and get it work again. Since I never have a problem on the RF side I figure this would be an easy way to reboot it without walking up stairs, when out of the house or through Chicken. The only problem is, I can’t find any documentation on how to utilize the feature. The info on the MoenComm site is awesome for setting it up and got me on the air but thats setup and I can’t find anything on Western Star about it at all. I’ll accept it maybe user error of not looking in the right place but I’m at the point of asking now after spending some time looking. Anyone have an idea? Thanks and 73, Shawn
-- Shawn P. Stokes, KA3RQR NVFMA Board of Directors ka3rqr@gmail.com

11728. Windv and DCS

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-07-21 20:14:02 UTC
From: m0lta@...
Topic: 11728 Message: 11728

Dear All,

Any suggestions to get WinDV working on DCS reflectors.

It has been a while since I used this software. I have download the new software and for some reason I cannot connect to DCS reflectors (e.g. DCS005B. Normal REF reflectors are OK.

I have downloaded the config txt files for reflectors to ensure I have the latest but still no luck.

First time I try it times out. Second time I try I get "disconnected bind address already in use". Third time it times out. fouth time "bind in use" etc etc etc.

It doesnt work with either the red or blue dongle

I can connect if I use my red dongle with the KLX software so I know my connections are right.

Amy suggestions

Andrew de M0LTA

11729. RE: [gmsk_dv_node] Windv and DCS

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-07-21 21:23:07 UTC
From: J. M. Moen
Topic: 11728 Message: 11729

Andrew,

Sounds like your DCS hosts file is up to date. For WinDV, it is normally located at: C:/Program Files/MicroWalt Corporation/WinDV/dcshosts.txt.

Also make sure in Tools > Options that the module letter after your callsign is non-blank. Pick A, B, C or L.

You also probably have already done port forwarding of UDP 30051 to the pc running WinDV, but be sure that’s been done.

I can’t think of anything else.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, July 21, 2015 1:14 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Windv and DCS
Dear All,
Any suggestions to get WinDV working on DCS reflectors.
It has been a while since I used this software. I have download the new software and for some reason I cannot connect to DCS reflectors (e.g. DCS005B. Normal REF reflectors are OK.
I have downloaded the config txt files for reflectors to ensure I have the latest but still no luck.
First time I try it times out. Second time I try I get "disconnected bind address already in use". Third time it times out. fouth time "bind in use" etc etc etc.
It doesnt work with either the red or blue dongle
I can connect if I use my red dongle with the KLX software so I know my connections are right.
Amy suggestions
Andrew de M0LTA_._,_.___

Posted by: m0lta@...

11730. DutchStar Mini Hotspot Beta version software

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-07-22 15:35:31 UTC
From: vr2xra@...
Topic: 11730 Message: 11730

Dear Fred,

I got the ircDDB installation problem when using your MHS board with firmware "HSA V0.1.00F HSFIX", search from forum it can be sloved by a Beta version software, would you please let me know how can get it and how much of it's cost.

Thank you !
Regards,

/Tony.

11731. Re: [gmsk_dv_node] MoenComm GMSK Board Issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-07-28 16:30:36 UTC
From: luizserg@...
Topic: 11259 Message: 11731

I have the same problem with 2 boards moencom
I use debian linux PC.
Only returns to normal switch off and turn on your PC. No restart point.
It is just TX ON and the radio does not transmit. The red LED of pla not light up.
I await help someone who has solved this problem.

Luiz
PU1-LOY

11732. RE: [gmsk_dv_node] MoenComm GMSK Board Issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-07-29 01:01:45 UTC
From: J. M. Moen
Topic: 11259 Message: 11732

I need more info to help, so I'll contact you directly.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, July 28, 2015 9:31 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] MoenComm GMSK Board Issue
I have the same problem with 2 boards moencom
I use debian linux PC.
Only returns to normal switch off and turn on your PC. No restart point.
It is just TX ON and the radio does not transmit. The red LED of pla not light up.
I await help someone who has solved this problem.

Luiz
PU1-LOY_._,_.___

Posted by: luizserg@...

11733. Re: [gmsk_dv_node] MoenComm GMSK Board Issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-07-29 12:24:24 UTC
From: cq_k7ng@...
Topic: 11259 Message: 11733

I have experienced this issue also.
I am using the Star*Board with a Raspberry Pi 2, Western D-Star G4KLX software, and Wi-Fi connection to Internet.

There does not appear to be any predictability as to when the setup stops; it has been as short as 4 hours and as long as 61 hours. I see that the radio in use still receives an incoming signal and that the RX detect LED on the Star*Board lights. However the board TX LED does not light when a signal is present coming from the Internet side, and I cannot see my callsign appear on any gateway or reflector if I try and 'kerchunk' via the RF side. I cannot hear my transmitted signal if I am listening to a gateway on another internet connection via a DVDongle. In other words, either side of the board seems to think all is well but there is no connection across the two sides of the network (RF and Internet).

I have tried using a direct connection to my router instead of Wi-Fi and the results so far are inconclusive.

I have tried with and without a powered USB hub to run my Wi-fi dongle and/or the Star*board from the Pi, and that does not appear to make any difference.

More to follow.

Dave K7NG

11734. Re: MoenComm GMSK Board Issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-07-29 16:50:49 UTC
From: luizserg@...
Topic: 11259 Message: 11734

The same symptom that is happening to me.

11735. RE: [gmsk_dv_node] MoenComm GMSK Board Issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-08-03 19:11:20 UTC
From: J. M. Moen
Topic: 11259 Message: 11735

Dave (and others with similar problems) –

You might log onto the Pi and check the G4KLX logs that were active when this problem happened. You will find them in /var/log. I use WinSCP for this.

It sounds like the modem firmware keeps running, since it hears the analog radio's audio from the incoming RF signal, recognizes it as a valid GMSK signal and turns on the RX LED. But G4KLX and the modem don't appear to be communicating normally. The logs might tell you more.

What is frustrating is not being able to re-create the problem. For example, I have one Pi (model B) that has been running G4KLX software for nearly 3 years, connected to the Star*Board GMSK Modem. The Pi, the Gateway and the Repeater programs simply continue to run without interruption 24 hours a day. I bring it all down (rarely) to run klxupdate.

Right now, that Pi has version 20150308 of the G4KLX Gateway and 20150404 of DstarRepeater. Those are not quite the latest, but are fairly up to date.

I also use a Pi 2 for testing. It was running Gateway version 20140602 and Repeater version 20140521 without problems, though I bring that Pi up and down more often. I just updated it to the very latest G4KLX versions.

There was a time when I could deliberately cause problems by quick keying – hitting PTT on the HT just when a transmission was coming in from the internet. I could connect to the E or Echo module of a REF reflector and sometimes get G4KLX to lose its connection with the modem if I hit PTT just as the echoed transmission came back.

Today, I tried that, including just hitting PTT briefly and rapidly, over and over, but I was unable to cause any problems. Maybe I was not quick enough.

If your logs reveal anything, please let me know.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, July 29, 2015 5:24 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] MoenComm GMSK Board Issue
I have experienced this issue also.
I am using the Star*Board with a Raspberry Pi 2, Western D-Star G4KLX software, and Wi-Fi connection to Internet.

There does not appear to be any predictability as to when the setup stops; it has been as short as 4 hours and as long as 61 hours. I see that the radio in use still receives an incoming signal and that the RX detect LED on the Star*Board lights. However the board TX LED does not light when a signal is present coming from the Internet side, and I cannot see my callsign appear on any gateway or reflector if I try and 'kerchunk' via the RF side. I cannot hear my transmitted signal if I am listening to a gateway on another internet

connection via a DVDongle. In other words, either side of the board seems to think all is well but there is no connection across the two sides of the network (RF and Internet).

I have tried using a direct connection to my router instead of Wi-Fi and the results so far are inconclusive.

I have tried with and without a powered USB hub to run my Wi-fi dongle and/or the Star*board from the Pi, and that does not appear to make any difference.

More to follow.

Dave K7NG

Posted by: cq_k7ng@...

11736. RE: [gmsk_dv_node] MoenComm GMSK Board Issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-08-16 01:58:13 UTC
From: the1scorpion2002@...
Topic: 11259 Message: 11736

Good Evening,

I have also noticed using the Pi2 and the MoenComm GMSK board with the G4KLX software using ircDDB Gateway - 20150615 and D-Star repeater - 20150615
it stops working intermittently. I have to shut down and restart the D-star repeater in order to get it to work again. And as mentioned in the post the TX: ON is locked on,
The modem TX light is off, and the radio is not in TX mode
Activity can still be seen in the ircDDB gui
And it has just did it again as I was typing this message. I do have a log if needed?

Regards,

James ve1jcs // va3ijs

11737. RE: [gmsk_dv_node] MoenComm GMSK Board Issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-08-17 12:58:43 UTC
From: luizserg@...
Topic: 11259 Message: 11737

James,

Installed condv and no more problems occurred.

thanks

Luiz Sergio
PU1LOY

11738. FT-450 Dstar on HF

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-08-18 12:57:02 UTC
From: guy81@...
Topic: 11738 Message: 11738

I am curious if anyone has setup a ft-450 on dstar using the star board and the gmsk client software. I will be trying to setup mine this week.

11739. Re: Thorcom RLC290 GMSK Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-08-22 15:37:53 UTC
From: pyshack@...
Topic: 9997 Message: 11739

Anyone got one of these just to operate in KISS mode, just been sorting out the shack and this poped out again as I'm working on a APRS igate right now

11740. New member, new hotspot (hopefully)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-08-23 12:06:29 UTC
From: jschoap@...
Topic: 11740 Message: 11740

Hello,
I have a moencomm board ordered and a pile of unused GM300 radios. Looks like a hotspot in the making. At some point I'd like to turn it all into a repeater. Hopefully I won't flood the message section with silly questions.

Jeff
N3JSS

11741. Re: [gmsk_dv_node] New member, new hotspot (hopefully)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-08-23 13:14:25 UTC
From: chipmckcmo@...
Topic: 11740 Message: 11741

Jeff,
Welcome to the group. If I can build a hotspot, so can you. Jim has a lot of information that will help and he is really good answering questions. Try this as a starting point. http://www.k6jm.com/hs-setup.htm
Chip
WB0LBZ

In a message dated 8/23/2015 7:06:33 A.M. Central Daylight Time, gmsk_dv_node@yahoogroups.com writes:

Hello,
I have a moencomm board ordered and a pile of unused GM300 radios. Looks like a hotspot in the making. At some point I'd like to turn it all into a repeater. Hopefully I won't flood the message section with silly questions.

Jeff
N3JSS

11742. New file uploaded to gmsk_dv_node

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-08-23 13:47:21 UTC
From: gmsk_dv_node@yahoogroups.com
Topic: 160 Message: 11742

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the gmsk_dv_node
group.

File : /rev2_MoenComm-GM300.pdf
Uploaded by : kb1pvh <kb1pvh@...>
Description : Cable diagram for GM300 & MoenComm

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/gmsk_dv_node/files/rev2_MoenComm-GM300.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

kb1pvh <kb1pvh@...>

11743. Re: Thorcom RLC290 GMSK Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-08-23 20:11:04 UTC
From: rob@...
Topic: 9997 Message: 11743

The RLC290 doesn't have a "KISS" mode, it's not an amateur packet "TNC". It is a radio locator modem that does GMSK and FFSK mode data transmission.

11744. (no subject)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-08-26 20:09:40 UTC
From: ea8ee
Topic: 11744 Message: 11744

recently changed the software with many traffic improvements in Spanish and
South America as a gateway from allstar 27684 and experimental IRLP 0063

http://84.232.6.94/XRF007_status.html

Enviado con MailTrack
<https://mailtrack.io/install?source=signature&lang=es&referral=ea8ee1@...&idSignature=23>

11745. XRF007 improved

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-08-26 20:13:22 UTC
From: ea8ee
Topic: 11745 Message: 11745

recently changed the software with many traffic improvements in Spanish and South America as a gateway from allstar 27684 and experimental IRLP 0063
http://84.232.6.94/XRF007_status.html

Enviado con MailTrack
<https://mailtrack.io/install?source=signature&lang=es&referral=ea8ee1@...&idSignature=23>

11746. It's alive! We'll sort of

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-08-28 11:52:29 UTC
From: jschoap@...
Topic: 11746 Message: 11746

Hello Group,
After struggling to get NA Tooks to install and finally accomplishing it using an XP laptop. Getting the board configured properly and connected to my GM300 finally produced appropriate results using the test program went well so that's done I think. My current issue is that it will not link to any reflectors or repeaters. Returns a repeater not found error. I can see other users scrolling through the logs. When I key up, my info shows in the logs as well. My dstar radio is a icom 2200h with the dstar board add on. It's a little tough to program but I think I've got it down. I'm registered also. I'm using the Maryland D-Star image on a Raspberry Pi 2b. With so many places to trip up, I'm sure I forgot something. Any help would be appreciated.
Thanks,
Jeff
N3JSS

11747. RE: [gmsk_dv_node] It's alive! We'll sort of

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-08-29 20:28:09 UTC
From: J. M. Moen
Topic: 11746 Message: 11747

Perseverance is a virture, so congratulations on how much you've already done.

Linking problems are often due to problems with the Hosts files, router port-forwarding or DPlus authentication. In your case, I would first check the Hosts files and also make sure your link request is formatted correctly.

I am guessing you are first testing linking to REF DPlus reflectors, so there normally should not be any router port-forwarding issues for those. When you start to deal with DExtra/XRF and DCS reflectors, and/or CCS, you will need to address that. See http://www.k6jm.com/portforwarding.htm .

Are you requesting the link over RF, perhaps using an HT where you have set up a memory with URCall set to something like REF001CL ? Or in DR mode, you have gotten your HT to do the same? If so, then you want to be sure your desired reflector is defined correctly in the DPlus_Hosts file that ircDDBGateway uses. On Linux, the default location is /usr/local/etc. Look there (I personally use WinSCP for this sort of thing) and make sure the reflector you want is there and the IP is correct.

Since you are using the Maryland image, be sure to run the UPDATE RF command (put UPDATE in URCall and hit PTT), which will have it go out and update the reflector hosts files used by ircDDBGateway.

When you run ircDDBGatewayConfig, make sure on the DPlus tab that you have enabled DPlus and the Login field contains one of your 3 registered callsigns. I would use the one with the blank module letter, but if you want to use N3JSS C or N3JSS N, be sure there are enough spaces so the module letter falls in the 8th position.

Let us know what you find, and if still a problem, give a little more detail about how you are issuing the link request.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Friday, August 28, 2015 4:52 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] It's alive! We'll sort of
Hello Group,
After struggling to get NA Tooks to install and finally accomplishing it using an XP laptop. Getting the board configured properly and connected to my GM300 finally produced appropriate results using the test program went well so that's done I think. My current issue is that it will not link to any reflectors or repeaters. Returns a repeater not found error. I can see other users scrolling through the logs. When I key up, my info shows in the logs as well. My dstar radio is a icom 2200h with the dstar board add on. It's a little tough to program but I think I've got it down. I'm registered also. I'm using the Maryland D-Star image on a Raspberry Pi 2b. With so many places to trip up, I'm sure I forgot something. Any help would be appreciated.
Thanks,

Jeff
N3JSS
Posted by: jschoap@...

._,___

11748. Re: [gmsk_dv_node] It's alive! We'll sort of

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-08-30 07:14:43 UTC
From: Estey Carl
Topic: 11746 Message: 11748

Jim - Here is the mystery. I Use the ID-51A with the mobile hotspot that uses a PI2 and it works. Same software on the new RPI2 and it doesn't work.

Wouldn't that eliminate the hosts file or port-forwarding? Also, I don't believe I am using the Maryland image.

Carl

> On Aug 29, 2015, at 3:28 PM, 'J. M. Moen' jim@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
> Perseverance is a virture, so congratulations on how much you've already done.
> Linking problems are often due to problems with the Hosts files, router port-forwarding or DPlus authentication. In your case, I would first check the Hosts files and also make sure your link request is formatted correctly.
>
> I am guessing you are first testing linking to REF DPlus reflectors, so there normally should not be any router port-forwarding issues for those. When you start to deal with DExtra/XRF and DCS reflectors, and/or CCS, you will need to address that. See http://www.k6jm.com/portforwarding.htm <http://www.k6jm.com/portforwarding.htm> .
>
> Are you requesting the link over RF, perhaps using an HT where you have set up a memory with URCall set to something like REF001CL ? Or in DR mode, you have gotten your HT to do the same? If so, then you want to be sure your desired reflector is defined correctly in the DPlus_Hosts file that ircDDBGateway uses. On Linux, the default location is /usr/local/etc. Look there (I personally use WinSCP for this sort of thing) and make sure the reflector you want is there and the IP is correct.
>
> Since you are using the Maryland image, be sure to run the UPDATE RF command (put UPDATE in URCall and hit PTT), which will have it go out and update the reflector hosts files used by ircDDBGateway.
> When you run ircDDBGatewayConfig, make sure on the DPlus tab that you have enabled DPlus and the Login field contains one of your 3 registered callsigns. I would use the one with the blank module letter, but if you want to use N3JSS C or N3JSS N, be sure there are enough spaces so the module letter falls in the 8th position.
> Let us know what you find, and if still a problem, give a little more detail about how you are issuing the link request.
> Jim – K6JM
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>]
> Sent: Friday, August 28, 2015 4:52 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] It's alive! We'll sort of
> Hello Group,
> After struggling to get NA Tooks to install and finally accomplishing it using an XP laptop. Getting the board configured properly and connected to my GM300 finally produced

appropriate results using the test program went well so that's done I think. My current issue is that it will not link to any reflectors or repeaters. Returns a repeater not found error. I can see other users scrolling through the logs. When I key up, my info shows in the logs as well. My dstar radio is a icom 2200h with the dstar board add on. It's a little tough to program but I think I've got it down. I'm registered also. I'm using the Maryland D-Star image on a Raspberry Pi 2b. With so many places to trip up, I'm sure I forgot something. Any help would be appreciated.
> Thanks,
> Jeff
> N3JSS
> Posted by: jschoap@... <mailto:jschoap@...>
>
> ._,___
>
>

11749. RE: [gmsk_dv_node] It's alive! We'll sort of

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-08-30 12:16:08 UTC
From: jschoap@...
Topic: 11746 Message: 11749

I did persevere and got it working. Basically I discovered that opening and the closing the gateway configuration tool, the reflector lists get loaded properly. I guess I assumed that was happening on startup. Now I can link and unlink at will using the remote utility in the Maryland Dstar Pi image. Considering my Icom ic2200h has just 6 slots for dstar information, it's easier to link from the desktop. I need to lower the power in my Motorola gm300 as it gets quite hot. I have it at 3w at the moment, going to take it down some more and add cooling fans. Once I get some airflow, I can hopefully prevent a meltdown. Thanks!
Jeff
N3JSS

11750. RE: [gmsk_dv_node] It's alive! We'll sort of

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-08-30 12:32:27 UTC
From: Dave Webb KB1PVH
Topic: 11746 Message: 11750

Jeff,

Just a note on the GM300. It will get really hot if you run the power too high or too low. I'll try to dig up the write up on it and post it. I run a 80mm fan on mine.

Dave-KB1PVH

On Aug 30, 2015 8:16 AM, "jschoap@gmail.com [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

I did persevere and got it working. Basically I discovered that opening and the closing the gateway configuration tool, the reflector lists get loaded properly. I guess I assumed that was happening on startup. Now I can link and unlink at will using the remote utility in the Maryland Dstar Pi image. Considering my Icom ic2200h has just 6 slots for dstar information, it's easier to link from the desktop. I need to lower the power in my Motorola gm300 as it gets quite hot. I have it at 3w at the moment, going to take it down some more and add cooling fans. Once I get some airflow, I can hopefully prevent a meltdown. Thanks!
Jeff
N3JSS

11751. MOENCOMM GMSK issues (RPI 2 and Win10)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-08-30 13:41:48 UTC
From: dl9hda@...
Topic: 11751 Message: 11751

Hello,

I bought a GMSK Board with a Beta firmware to run my repeater with G4KLX-software. I tried to get the board to work with a rapsberry pi 2 and Windows 10 .... same results.

So first I configured the board with NaTools. I have a receiver (FT90R) and a transmitter (FT7900E). Both are connected to dummyloads. I'm testing with two portabeles ID-51 and IC-E91.

I can start NAWinTEST (start as administrator yeahh ....) and it says D L 9 H D A and then testing testing this is papa alfa four yankee bravo radio with a node adapter test. While transmitting the red TX-LED lights up!

Everything is working PERFECT.

But not with G4KLX software and not with the DVAR Hot Spot software. Both do the nearly the same ...

Pushing PTT on my portables ---> yellow COS LED lights up until releasing PTT. The red TX-LED doesn't light up.
Releasing PTT ---> red TX LED lights up ... the LED switches off and for the ack-signal it is lightning again for a short time.

I think when pressing PTT the TX LED must light while PTT is pressed.

When pressing longer than two or three seconds G4KLX-Software receives but doesn't transmit any more. I have to restart the software.

Any firmware issues?

best regards

Holge, DL9HDA

11752. RE: [gmsk_dv_node] It's alive! We'll sort of

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-08-30 13:55:37 UTC
From: jschoap@...
Topic: 11746 Message: 11752

Thanks! I just added an 80mm fan as well. Eventually I'd like to build it up into an actual repeater.
Jeff
N3JSS

11753. Re: RE: [gmsk_dv_node] It's alive! We'll sort of

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-08-30 15:32:36 UTC
From: Ken Boyle
Topic: 11746 Message: 11753

Dave is right about the power.. Too high or too low can cause it to get hotter than it should. My rule of thumb has been about 50% rated power.

Good to see your on the air.

Ken

KC2IDB

Sent from Yahoo Mail on Android

From:"Dave Webb KB1PVH kb1pvh@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
Date:Sun, Aug 30, 2015 at 8:32 AM
Subject:RE: [gmsk_dv_node] It's alive! We'll sort of

Jeff,

Just a note on the GM300. It will get really hot if you run the power too high or too low. I'll try to dig up the write up on it and post it. I run a 80mm fan on mine.

Dave-KB1PVH

On Aug 30, 2015 8:16 AM, "jschoap@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

I did persevere and got it working. Basically I discovered that opening and the closing the gateway configuration tool, the reflector lists get loaded properly. I guess I assumed that was happening on startup. Now I can link and unlink at will using the remote utility in the Maryland Dstar Pi image. Considering my Icom ic2200h has just 6 slots for dstar information, it's easier to link from the desktop. I need to lower the power in my Motorola gm300 as it gets quite hot. I have it at 3w at the moment, going to take it down some more and add cooling fans. Once I get some airflow, I can hopefully prevent a meltdown. Thanks!
Jeff
N3JSS

11754. gmsk news

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-08-30 16:57:11 UTC
From: f4goh@yahoo.fr
Topic: 11754 Message: 11754

hello,

Simplex GMSK standalone

https://hamprojects.wordpress.com/2015/08/29/gmsk-experiments/

The purpose of my tests is not to use the voice into digital mode
as the D-STAR but using GMSK modem to transmit my
own data in simplex .

objectives:

Send and receive instant messages,
Report position ,
Receive the position of other persons ,
Send and receive computer files (jpg , zip, pdf, etc ...)
UHF VHF FM simplex connection ,
GMSK modulation data ,
Portable use ,
APRS Igate (optional)

73 Anthony

11755. RE: [gmsk_dv_node] It's alive! We'll sort of

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-08-30 17:24:45 UTC
From: J. M. Moen
Topic: 11746 Message: 11755

Dave,

After reading your post, I remembered reading about the heating problem if you run the GM300 or MaxTrac at too low a power level as well as too high on long duty cycle. When I was running MaxTracs, I think I ran at roughly 20 watts without a problem.

When used in a D-Star Hotspot or repeater, if linked to a reflector running a net, the radio can easily be put on a 100% duty cycle for an hour or two. So an additional fan cooling the heatsink makes sense.

Jim – K6JM

From the repeater-builder.com website:

“These radios were designed for a range of RF power - for example, the D44 (or M44) series is a 40 watt radio, and is designed to run from 25 to 40 watts, which means not more than 40, but also not less than 25. If you run outside that range, it will be inefficient and run hot. Yes, strange as it may sound, a D44 run at 15 watts runs hotter than when run at 30 watts.”

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Sunday, August 30, 2015 5:32 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] It's alive! We'll sort of
Jeff,
Just a note on the GM300. It will get really hot if you run the power too high or too low. I'll try to dig up the write up on it and post it. I run a 80mm fan on mine.
Dave-KB1PVH

11756. RE: [gmsk_dv_node] MOENCOMM GMSK issues (RPI 2 and Win10)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-08-30 17:49:23 UTC
From: J. M. Moen
Topic: 11751 Message: 11756

Holge,

Check the Mode Settings window in NAWinCFG. Make sure Half Duplex is enabled. Also, for the G4KLX configuration, check that DstarRepeaterConfig's Callsign tab has Mode set to Simplex, or for DVAR, make sure the Settings window, under Operating Mode, has the Simplex Node enabled.

I have seen what you are describing when the firmware setting on the board for half or full duplex conflicted with the software setting.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Sunday, August 30, 2015 6:42 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] MOENCOMM GMSK issues (RPI 2 and Win10)
Hello,
I bought a GMSK Board with a Beta firmware to run my repeater with G4KLX-software. I tried to get the board to work with a rapsberry pi 2 and Windows 10 .... same results.
So first I configured the board with NaTools. I have a receiver (FT90R) and a transmitter (FT7900E). Both are connected to dummyloads. I'm testing with two portabeles ID-51 and IC-E91.

I can start NAWinTEST (start as administrator yeahh ....) and it says D L 9 H D A and then testing testing this is papa alfa four yankee bravo radio with a node adapter test. While transmitting the red TX-LED lights up!

Everything is working PERFECT.

But not with G4KLX software and not with the DVAR Hot Spot software. Both do the nearly the same ...

Pushing PTT on my portables ---> yellow COS LED lights up until releasing PTT. The red TX-LED doesn't light up.
Releasing PTT ---> red TX LED lights up ... the LED switches off and for the ack-signal it is lightning again for a short time.
I think when pressing PTT the TX LED must light while PTT is pressed.
When pressing longer than two or three seconds G4KLX-Software receives but doesn't transmit any more. I have to restart the software.

Any firmware issues?

best regards

Holge, DL9HDA

11757. RE: [gmsk_dv_node] MOENCOMM GMSK issues (RPI 2 and Win10)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-08-30 18:45:59 UTC
From: dl9hda@...
Topic: 11751 Message: 11757

Dear Jim, I was wrong. Half duplex was enabled. Now it is working! Thanks a lot for your patience and your notices.

Mea culpa!

best regards
Holger, DL9HDA

11758. RE: [gmsk_dv_node] It's alive! We'll sort of

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-08-31 16:10:44 UTC
From: jschoap@...
Topic: 11746 Message: 11758

I dialed the GM300 up to 25 watts. That made an amazing difference in how hot (or not hot) that it gets. It runs much cooler now. I still have an 80mm fan behind it but it's definitely much better. Thanks for the tip! Jeff
N3JSS

11759. Win DV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-01 18:02:47 UTC
From: davidgames60@...
Topic: 11759 Message: 11759

I have the current version of windv running on win10 using a dvap (red) It works great on the Dcs reflectors but will not always load the additional dplus file and when it does will not connect to dplus reflectors.

I have all the files (including additional dplus file) and directories in the program file area.

This was the same situation running win8,1 before the upgrade.

Any help/comments most welcome

Many thanks

David
2E0DCE

11760. WinDv

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-01 18:29:57 UTC
From: davidgames60@...
Topic: 11760 Message: 11760

Please disregard last post all sorted now.

The answer was to activate slow mode.

Loads every time now

Sorry to take the bandwidth

Thanks again

David
2E0DCE

11761. Repeater Access/WinDV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-06 22:55:43 UTC
From: kb9mnm@...
Topic: 11761 Message: 11761

Hi Everyone,
Question for the group. I am running a MoenComm board, TS2000 and WinDV. Say I want to talk to a repeater in another state (Im in Illinois). Is it as simple as selecting the repeater and then saving it to the QC buttons?

Thanks in advance,
Dave KB9MNM

11762. RE: [gmsk_dv_node] Repeater Access/WinDV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-07 01:15:31 UTC
From: J. M. Moen
Topic: 11761 Message: 11762

Yes, in the US and some other parts of the world, you can usually connect directly to other repeaters via DPlus, since most repeaters in those regions run the DPlus Gateway.

But actually, most people tend to find out if their target repeater is normally connected to a reflector and they instead connect to that reflector.

Reason is that reflectors are usually set up in data centers with lots of internet bandwidth, whereas repeaters are often at the tops of hills and mountains, usually with less internet bandwidth. It will normally work fine, but internet connections to repeaters could more easily get maxed out.

On the other hand, connecting directly to a repeater has a plus side. If you plan to have a long QSO with a person on just that repeater, you two won't be tying up a reflector.

Setting up a QuickTune button just saves you some time when you next startup WinDV. You don't have to again click the Gateway button, find your repeater and band module, etc.

If you have trouble finding your target repeater, check WinDV's Tools > Options Callsign Server. If using the DUTCH*Star DPNS and you can't find the repeater, try using the Free*Star VE3TNK. Sometimes these servers need to be re-started and one will be more up to date than the other.

To find out if your target repeater is connected to a reflector, try to look at its DPlus Dashboard. Often a repeater's Dashboard is at https://callsign.dstargateway.org/ for example, https://kd0ian.dstargateway.org/ is the Dashboard for KD0IAN in Des Moines, Iowa.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Sunday, September 06, 2015 3:56 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Repeater Access/WinDV
Hi Everyone,
Question for the group. I am running a MoenComm board, TS2000 and WinDV. Say I want to talk to a repeater in another state (Im in Illinois). Is it as simple as selecting the repeater and then saving it to the QC buttons?
Thanks in advance,
Dave KB9MNM

Posted by: kb9mnm@...

–'---

11763. Star DV on a Mac Computer?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-08 00:07:24 UTC
From: purelightimages@...
Topic: 11763 Message: 11763

Anyone have a StarDv working on a Mac?

11764. Re: Star DV on a Mac Computer?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-08 22:11:44 UTC
From: crs026@...
Topic: 11763 Message: 11764

I have the SDV application compiled for Mac OSX. I only have a virtual machine so I couldn't test it very well. You are welcome to try it. Here is the DropBox link:
https://www.dropbox.com/s/rs2y3plubszc2wt/stardv_1.56.dmg?dl=0
https://www.dropbox.com/s/rs2y3plubszc2wt/stardv_1.56.dmg?dl=0

Rick KD0OSS

11765. Re: FT-450 Dstar on HF

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-09 17:36:23 UTC
From: guy81@...
Topic: 11738 Message: 11765

Or has anyone done it with any Yaesu HF rigs other than the 897 and 857?

11766. Re: FT-450 Dstar on HF

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-10 17:15:06 UTC
From: m1dns.gb3hb@...
Topic: 11738 Message: 11766

'847 ☐ Using G4KLX software modem, and or DVRPTR and AMBE cards.

A.

---In gmsk_dv_node@yahoogroups.com, <guy81@...> wrote :

Or has anyone done it with any Yaesu HF rigs other than the 897 and 857?

11768. RE: [gmsk_dv_node] Re: FT-450 Dstar on HF

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-11 01:37:32 UTC
From: J. M. Moen
Topic: 11738 Message: 11768

HF is no different from VHF/UHF, and I regularly use my FT-817ND with a GMSK modem to do D-Star. (I guess I could try it on HF, but D-Star is not really QRP-friendly.)

If your Yaesu radio supports 9600 baud packet, you will probably be able to get it to do D-Star. You'll have to find the menu setting to set the packet data speed to 9600, and mode will be PKT if the radio has that, otherwise FM. Some Yaesu's use the standard 6 pin mini DIN packet data connector, while others use 8 pin connectors.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, September 09, 2015 10:36 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: FT-450 Dstar on HF
Or has anyone done it with any Yaesu HF rigs other than the 897 and 857?

Posted by: guy81@...

11769. Re: [gmsk_dv_node] Star DV on a Mac Computer?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-12 11:12:13 UTC
From: Jeremy J Barbouttis
Topic: 11763 Message: 11769

HI Rick,

Thank you for sharing.

I would like to try this out, but what do you do for the G4KLX software part. i.e., is that included, or do you need a compiled version from somewhere else?

Thanks

> On 9 Sep 2015, at 8:11 am, crs026@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
> I have the SDV application compiled for Mac OSX. I only have a virtual machine so I couldn't test it very well. You are welcome to try it. Here is the DropBox link: https://www.dropbox.com/s/rs2y3plubszc2wt/stardv_1.56.dmg?dl=0 <https://www.dropbox.com/s/rs2y3plubszc2wt/stardv_1.56.dmg?dl=0>
>
>
> Rick KD0OSS
>
>

11770. Re: [gmsk_dv_node] Star DV on a Mac Computer?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-14 13:02:37 UTC
From: crs026@...
Topic: 11763 Message: 11770

Jeremy,

I do not include G4KLX software. I think the ircddbgateway software should compile on the Mac but I haven't tried yet. Usually what I do is run the gateway on a different PC and point Star*DV to that. I have a Rasp Pi running a full repeater. That only uses one module so I have 3 modules free that I can point my Star*DV to.

Rick KD0OSS

11771. Win DV & CCS7

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-14 21:17:21 UTC
From: davidgames60@...
Topic: 11771 Message: 11771

Hi, I am using WinDv 1.5.8 beta with a Dvap (red) and wonder what preperation I need to take in order to still access the DCS reflectors after the switchover?

I already have the new system generated CCS7 ID.

I use a win 10 tablet occasionally tethered to my phone and the whole kit works well for me, and would like to continue with WinDv.

Thanks

David
2E0DCE

11772. RE: [gmsk_dv_node] Win DV & CCS7

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-15 04:50:52 UTC
From: J. M. Moen
Topic: 11771 Message: 11772

CCS7 is really the only important feature missing from WinDV. It has supported the DVAP for quite a while, and it now supports the DV3K Dongle, the NW Digital ThumbDV, the Matrix Circuits Star*DV, and all the protocols like DPlus linking, DExtra/XRF linking and DCS linking. It lets you set up an ircDDB Gateway for improved Callsign Routing. But it does not support CCS(7). Yet.

For now on Windows, the G4KLX program ircDDBGateway (version 20150820 or later) does support CCS7. It works in conjunction with G4KLX DStarRepeater or the KD0OSS SDV for the Star*DV.

As far as I know, WinDV and Free*Star do not yet support CCS7. I wish they did.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, September 14, 2015 2:17 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Win DV & CCS7
Hi, I am using WinDv 1.5.8 beta with a Dvap (red) and wonder what preperation I need to take in order to still access the DCS reflectors after the switchover?
I already have the new system generated CCS7 ID.
I use a win 10 tablet occasionally tethered to my phone and the whole kit works well for me, and would like to continue with WinDv.
Thanks
David
2E0DCE

Posted by: davidgames60@...

11773. RE: [gmsk_dv_node] Win DV & CCS7

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-15 15:22:56 UTC
From: davidgames60@...
Topic: 11771 Message: 11773

Jim, thanks for the reply. I have now downloaded both programmes and am trying to figure it all out. Not much in the way of documentation for the settings but will address appropriate group.

Thanks again

David
2E0DCE

11774. RE: [gmsk_dv_node] Win DV & CCS7

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-15 17:16:46 UTC
From: J. M. Moen
Topic: 11771 Message: 11774

OK. Just to be clear, WinDV works great on Windows and ConDV works great on the Pi (Windows, too, but there I prefer the GUI interface). I don't know if they will continue to work with DCS reflectors after the September 26 DCS changes. On that date, we are told DCS reflectors will begin requiring authentication similar to REF reflectors. For DCS, you will authenticate if your callsign is registered on a Trust Server or with the CCS7/DMR database.

If they don't work, or you really want to use CCS7, you will need to use the G4KLX apps. They both have manuals you can get from their respective Yahoo Groups websites (ircddbgateway for that program, and pcrepeatercontroller for DStarRepeater). I have installed them on a WinBook tablet. Mine came with the 32-bit version of Win 8.1.

Beyond drivers issues, the only "trick" is configuring the two programs. I don't have screenshots for configuring DStarRepeater for a DVAP, but my screenshots for configuring a GMSK Modem are very similar. See http://www.k6jm.com/ConfigG4KLX-DSR.pdf. It has the important tabs for both D-Star Repeater and ircDDBGateway. Mostly take the defaults for ports, etc. Fill in your own callsign, of course.

The only difference would be when using D-Star Repeater Config program, on the Modem tab, you will choose DVAP instead of GMSK Modem, and when you click the Configure button, you will fill in the port, band, frequency etc. info specific to the DVAP.

Jim

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, September 15, 2015 8:23 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Win DV & CCS7
Jim, thanks for the reply. I have now downloaded both programmes and am trying to figure it all out. Not much in the way of documentation for the settings but will address appropriate group.
Thanks again

David
2E0DCE

Posted by: davidgames60@...

11775. RE: [gmsk_dv_node] Win DV & CCS7

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-16 15:22:04 UTC
From: davidgames60@...
Topic: 11771 Message: 11775

Hi Jim,

Many thanks for the detailed reply. My settings are much the same as yours apart from the obvious call/modem etc

Changing the startup reflector the gateway prog links into the system as confirmed by the dashboard. I assumed the drivers were ok because the beacon timer was running and the Dvap works perfectly with DVTool and Windv.

Having now discovered the log file the issue lays with the programme not connecting with the Dvap.

I will have sometime over the weekend and will investigate further.

Thank you again for your help, and to the group for allowing me the bandwidth.

Regards

David

11776. DVMEGA and RPi condv support?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-17 21:49:51 UTC
From: Tony Ross
Topic: 11776 Message: 11776

Does anyone know please if Mssr. Fred van Kempen has added DVMEGA RPi support to the excellent condv product?

I'm seeing the same *ConDV* for Linux (Raspberry Pi) V2.0.0-141 <http://dutch-star.eu/software/download.aspx?name=/condv/condv-rpi-2.0.0-141-armhf.deb> version that Guus said might include dvmega support soon, but nothing newer.

Thanks for your comments.
<http://dutch-star.eu/software/download.aspx?name=/condv/condv-rpi-2.0.0-141-armhf.deb>

11777. RE: [gmsk_dv_node] DVMEGA and RPi condv support?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-17 23:17:43 UTC
From: J. M. Moen
Topic: 11776 Message: 11777

As far as I know, ConDV's latest version on the Pi is 1.41 and it does not have support for DV-MEGA. It does support the NW Digital ThumbDV, and if you set the baud rate to 460800, that config will also support the Matrix Circuits Star*DV as an AMBE3000 device (but not the speaker/mike).

The latest WinDV 1.5.8-3 does have DVMEGA support, but I know you were asking about the RPi version.

My understanding is that Fred has been mostly offline due to some health issues which are getting better. Let's hope he's back soon.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, September 17, 2015 2:50 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] DVMEGA and RPi condv support?

Does anyone know please if Mssr. Fred van Kempen has added DVMEGA RPi support to the excellent condv product?

I'm seeing the same ConDV for Linux (Raspberry Pi) V2.0.0-141 <http://dutch-star.eu/software/download.aspx?name=/condv/condv-rpi-2.0.0-141-armhf.deb> version that Guus said might include dvmega support soon, but nothing newer.

Thanks for your comments.

Posted by: Tony Ross < <mailto:ynotssor@...> ynotssor@...>

-'-.-'---

11778. DV node Dutch star and DV thumb dongle

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-20 18:28:47 UTC
From: ferret10987654321@...
Topic: 11778 Message: 11778

Hi guys
Been having a problem setting this up ideally I would like to connect to reflector 1c. All I seeing listed Is Dcs and xrf reflectors also I can hear stations coming in but I cannot connect ?
The software states linked but not showing up on dashboards etc I have registered another terminal on my dstar registration C .

Any help be great on this
73s M0MBV

Martin Hennessey ,Sent from my iPhone 6 plus phablet

11779. Most Powerful Radio With Packet Connector

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-20 21:11:22 UTC
From: david@...
Topic: 11779 Message: 11779

Hello group,

Been using a Kenwood TM-D710 for my transmit radio on my IRCDDB repeater (K5TAR). Well to say it's overkill and a waste of a very capable radio is an understatement. I would like to find out what radios others are using since all I need is a UHF FM radio with a packet/data connector. While I'm at it I would like to up my power to the highest power available in a radio. I have been running my Kenwood at high power 50 watts with a muffin fan running all the time on top of the radio heat sink. It works well disapatting the heat and has been in service for over 2 years. Just looking for some manufacture names and model numbers and any other reccommendations. I'll probably buy two of these radio to replace the receive radio too, another Kenwood. Finally any wiring diagrams to hook these radios up would be appreciated saving me the next message out to the group once I buy them. :)

Thanks Everyone

11780. FW: [gmsk_dv_node] Most Powerful Radio With Packet Connector

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-21 00:47:12 UTC
From: J. M. Moen
Topic: 11779 Message: 11780

David,

It will be difficult to find much more than 50 watts on UHF using a consumer-grade radio. Also, I don’t know your frequency split, but the higher the power, the better the duplexer needs to be to prevent your receiver from desensing when repeating. If you are lucky and already have a professional duplexer with cavities, though, this may not be an issue for you.

You may want to scan eBay for inexpensive repeaters. Some claim to be FM but in fact use Phase Modulation – those won’t work with D-Star. You need real FM and the ability (as you know) to get flat audio out of the receiver and send audio in directly to the modulator. Most repeaters have options to do that.

Just looking on eBay using search term “UHF repeater” I notice a GE Ericcson Mastr II UHF Repeater 100 watts. But as far as I remember, the Mastr IIs are Phase Modulated.

The Kenwood TRK series are excellent, but the 820’s have a max of 25 watts.

The Motorola GM300s (or MaxTracs) are good. Get the kind with 16 pin accessory connector. You will need access to the programming software. I think the UHF radio maxes at 40 watts, though. The Alinco DR-435 is not real expensive, but needs a mod and maxes at 35 watts.

If you really want to switch out the D710, and power is not a big issue, the GM300 or MaxTrac should be pretty inexpensive. Be sure to run a fan on the heat sink, of course.

Hopefully others will have more and better info….

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Sunday, September 20, 2015 2:11 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Most Powerful Radio With Packet Connector
Hello group,

Been using a Kenwood TM-D710 for my transmit radio on my IRCDDB repeater (K5TAR). Well to say it's overkill and a waste of a very capable radio is an understatement. I would like to find out what radios others are using since all I need is a UHF FM radio with a packet/data connector. While I'm at it I would like to up my power to the highest power available in a radio. I have been running my Kenwood at high power 50 watts with a muffin fan running all the time on top of the radio heat sink. It works well disapatting the heat and has been in service for over 2 years. Just looking for some manufacture names and model numbers and any other reccommendations. I'll probably buy two of these radio to replace the receive radio too, another Kenwood. Finally any wiring diagrams to hook these radios up would be appreciated saving me the next message out to the group once I buy them. :)

Thanks Everyone
Posted by: david@...

11781. DVMEGA the Swiss army knife for Digital Voice

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-21 21:54:27 UTC
From: guusvandooren@...
Topic: 11781 Message: 11781

See what it all can do : www.dvmega.auria.nl/Downloads.html

11782. DV thumb dongle

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-25 08:20:33 UTC
From: ferret10987654321@...
Topic: 11782 Message: 11782

Hi guys
I am struggling to get tx on DV thumb dongle on DV node I am relieving it's running but not showing up on dashboards or a nearby radio . Might be a configuration error anyone have any ideas ?

73s
M0MBV

Martin Hennessey ,Sent from my iPhone 6 plus phablet

11783. How can I reach FRED N VAN KEMPEN ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-25 14:32:21 UTC
From: wd4w.ky@...
Topic: 11783 Message: 11783

I don't normally make public shows of frustration but dealing with FRED's website, moves, and zero responses and a new shopping cart that does not work and reports they need to buy a license for the product he is attempting to use for his shopping cart.

I give up!!!!!!!

What product can I buy that has a real website that functions as it should, owner doesn't leave the country and let his customers go without support and responses to emails, one that responds to inquiries about purchases that have not been delivered, one that is ran like a real business?

I for one believe if a person is going to take an others money in exchange for his product, they should run the business professionally and with a responsibility to deliver what is promised.

Charles

11784. Re: [gmsk_dv_node] How can I reach FRED N VAN KEMPEN ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-25 14:35:51 UTC
From: Dave Webb KB1PVH
Topic: 11783 Message: 11784

It would help if you said WHAT you are trying to buy.

Dave-KB1PVH

On Sep 25, 2015 10:32 AM, "wd4w.ky@gmail.com [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

I don't normally make public shows of frustration but dealing with FRED's website, moves, and zero responses and a new shopping cart that does not work and reports they need to buy a license for the product he is attempting to use for his shopping cart.

I give up!!!!!!!

What product can I buy that has a real website that functions as it should, owner doesn't leave the country and let his customers go without support and responses to emails, one that responds to inquiries about purchases that have not been delivered, one that is ran like a real business?

I for one believe if a person is going to take an others money in exchange for his product, they should run the business professionally and with a responsibility to deliver what is promised.

Charles

11785. Re: How can I reach FRED N VAN KEMPEN ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-25 16:04:02 UTC
From: wd4w.ky@...
Topic: 11783 Message: 11785

Yes it would help Dave :)

I have a gmsk board from moemcomm and I need the firmware update so that I can run it as a repeater. Can't get the firmware from Fred making the star*board useless for this purpose.

Charles

11786. Re: [gmsk_dv_node] How can I reach FRED N VAN KEMPEN ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-25 16:18:31 UTC
From: Fred van Kempen
Topic: 11783 Message: 11786

Charles,
I can't get to my other email right now, should be back up by Monday. Yes,the move has finally completed, and we're going through roughly 20m3 of"stuff". Surgery last month didn't help.
So, I should be back in responsive mode by Monday or so..
--fred

From: "wd4w.ky@gmail.com [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Friday, September 25, 2015 10:32 AM
Subject: [gmsk_dv_node] How can I reach FRED N VAN KEMPEN ?

  I don't normally make public shows of frustration but dealing with FRED's website, moves, and zero responses and a new shopping cart that does not work and reports they need to buy a license for the product he is attempting to use for his shopping cart.

I give up!!!!!!!

What product can I buy that has a real website that functions as it should, owner doesn't leave the country and let his customers go without support and responses to emails, one that responds to inquiries about purchases that have not been delivered, one that is ran like a real business?

I for one believe if a person is going to take an others money in exchange for his product, they should run the business professionally and with a responsibility to deliver what is promised.

Charles

11787. Re: Most Powerful Radio With Packet Connector

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-26 13:58:27 UTC
From: david@...
Topic: 11779 Message: 11787

Thanks Jim for all the information. I need to think about his some more...

11788. Re: [gmsk_dv_node] How can I reach FRED N VAN KEMPEN ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-27 03:04:47 UTC
From: wd4w.ky@...
Topic: 11783 Message: 11788

Thanks for your response Fred. I look forward to getting the license.

Charles

11789. Converting an Analogue HF radio to DStar

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-27 13:16:27 UTC
From: Jeremy J Barbouttis
Topic: 11789 Message: 11789

I was wondering if it was possible to use a starboard to convert an analogue radio to Dstar? If so, how would you set it up?

Jeremy

73s

Jeremy
VK2MJM
CCS Code: 9755

11790. Re: [gmsk_dv_node] Converting an Analogue HF radio to DStar

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-27 13:56:20 UTC
From: chipmckcmo@...
Topic: 11789 Message: 11790

Take a look at this site.

http://www.k6jm.com/hs-setup.htm

In a message dated 9/27/2015 8:16:41 A.M. Central Daylight Time,
gmsk_dv_node@yahoogroups.com writes:

I was wondering if it was possible to use a starboard to convert an
analogue radio to Dstar? If so, how would you set it up?

Jeremy

73s

Jeremy
VK2MJM
CCS Code: 9755

11791. RE: [gmsk_dv_node] Converting an Analogue HF radio to DStar

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-27 17:16:21 UTC
From: J. M. Moen
Topic: 11789 Message: 11791

Chip WB0LBZ beat me to it, but yes, it is possible to adapt an analog FM radio that supports 9600 baud packet to be able to have D-Star DV QSOs.

You will need a modem of some sort (GMSK Modem like the Star*Board, DVRPTR series modem, DV-MEGA etc.) and an AMBE device (DV3K, ThumbDV, Star*DV - all of which use the latest AMBE 3000 chip -- or the original DV Dongle). You also need a computer (Windows, Linux) and appropriate software.

Note we are not saying this turns your analog radio into having all the features of an ICOM D-Star radio. But you can have D-Star digital voice QSOs through repeaters, Hotspots or via simplex with other D-Star radios, and you have the option to use slow speed data.

Which analog radio were you thinking of using?

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Sunday, September 27, 2015 6:16 AM
To: 'J. M. Moen' jim@... [gmsk_dv_node]
Subject: [gmsk_dv_node] Converting an Analogue HF radio to DStar
I was wondering if it was possible to use a starboard to convert an analogue radio to Dstar? If so, how would you set it up?
Jeremy
73s

Jeremy
VK2MJM
CCS Code: 9755

Posted by: Jeremy J Barbouttis <vk2mjm@...>

11792. Re: [gmsk_dv_node] Converting an Analogue HF radio to DStar

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-27 20:28:54 UTC
From: Jeremy J Barbouttis
Topic: 11789 Message: 11792

Thanks all for your reply. I guess I was hoping there might be a way that avoid using a computer. I was thinking I might try HF through a 7200. Perhaps it's not really practical.

Many thanks,

Jeremy

Sent from my iPhone

> On 28 Sep 2015, at 3:16 AM, 'J. M. Moen' jim@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
> Chip WB0LBZ beat me to it, but yes, it is possible to adapt an analog FM radio that supports 9600 baud packet to be able to have D-Star DV QSOs.
>
> You will need a modem of some sort (GMSK Modem like the Star*Board, DVRPTR series modem, DV-MEGA etc.) and an AMBE device (DV3K, ThumbDV, Star*DV – all of which use the latest AMBE 3000 chip -- or the original DV Dongle). You also need a computer (Windows, Linux) and appropriate software.
>
> Note we are not saying this turns your analog radio into having all the features of an ICOM D-Star radio. But you can have D-Star digital voice QSOs through repeaters, Hotspots or via simplex with other D-Star radios, and you have the option to use slow speed data.
>
> Which analog radio were you thinking of using?
>
> Jim – K6JM
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
> Sent: Sunday, September 27, 2015 6:16 AM
> To: 'J. M. Moen' jim@... [gmsk_dv_node]
> Subject: [gmsk_dv_node] Converting an Analogue HF radio to DStar
>
> I was wondering if it was possible to use a starboard to convert an analogue radio to Dstar? If so, how would you set it up?
>
> Jeremy
>
> 73s
>
>
> Jeremy
>
> VK2MJM
>
> CCS Code: 9755

>
>
> Posted by: Jeremy J Barbouttis <vk2mjm@...>
>
>
>

11793. Any successful mod of IC-706 for DSTAR?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-28 00:42:35 UTC
From: carl@...
Topic: 11793 Message: 11793

I have an Icom IC-706 and wonder if anyone has done a mod to get that radio to work with DSTAR?

73
Carl WA0CQG

11794. RE: [gmsk_dv_node] Any successful mod of IC-706 for DSTAR?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-28 00:51:04 UTC
From: Kent Hufford
Topic: 11793 Message: 11794

No modifications are required to your 706 .

Plug a cable from the STAR Board modem into the 6pin PACKET port on one of the above radios. Plug a USB cable from the STAR Board into a Windows PC or Raspberry PI. Star Board gets its power from the PC thru the USB cable.

Plug the DV-Dongle into a USB slot on the Windows PC or Raspberry PI.

Load the software and configure the software and radio settings.

Then you can use a headset/mic connected to the PC/PI and talk over the radio in full DSTAR on all the HF bands, 2m and 440.

Go to the dstar_development Yahoo Group. You need to Join the group before you can get in.

https://groups.yahoo.com/neo/groups/dstar_development/info

Once you get in search callsign N3PZT(his new one is WI3J). In his postings click on the subject Alternative D-Star Over HF. Also, go to the

DUTCH*Star website http://www.dutch-star.eu/index.aspx and register with Fred. Once you get your password from Fred go to

the Software folder and download either NAtools for Windows or NAtools for Linux. After it's installed there's a program in the

NAtools folder called NAWinCFG. This helps to adjust your settings in the Starboard. For a FT-847 as an example, check the TX Invert box.

There's a bunch of other postings how to setup a rig with a DV Dongle and a Moencomm Starboard with the GMSK Client software program to do DStar
over local DStar repeaters.

The rig you use MUSH HAVE a data port that is capable of 9600 baud. You'd have to order the specific data cable from Moencomm for the Starboard for your radio

Before the 7100 and 9100 came out. KJ4VO, Mark at HRO was running a 7000 mobile on DSTAR HF. Stewart, WI3J has more diagrams and files to help setup a non DSTAR HF radio to do DSTAR HF.

However, by the time you purchase a DV-Dongle and STAR board, and cables, you might just be ahead and sell your 706 for a good price right now, and get a 7100 on sale.

DV-DONGLE $184.95

http://www.hamradio.com/detail.cfm?pid=H0-009318#results

STAR BOARD GMSK MODEM $119

https://www.moencomm.com// <https://www.moencomm.com/>

Kent

KQ4KK

From: gmsk_dv_node@...m [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Sunday, September 27, 2015 8:43 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Any successful mod of IC-706 for DSTAR?

I have an Icom IC-706 and wonder if anyone has done a mod to get that radio to work with DSTAR?

73

Carl WA0CQG

11795. RE: [gmsk_dv_node] Any successful mod of IC-706 for DSTAR?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-28 01:05:06 UTC
From: Matthew Pitts
Topic: 11793 Message: 11795

Another option is to get the DV-RPTR Version 1 with AMBE2020 addon board; total cost is lower than buying the DV-Dongle alone and you can program basic callsign information into it and not need a computer at all after that.

Matthew Pitts
N8OHU

On September 27, 2015 8:51:04 PM EDT, "'Kent Hufford' khufford@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:
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>Kent
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>KQ4KK
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>73
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>Carl WA0CQG

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Sent from my Moto X with K-9 Mail. Please excuse my brevity.

11796. Re: [gmsk_dv_node] Any successful mod of IC-706 for DSTAR?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-28 01:05:56 UTC
From: Estey Carl
Topic: 11793 Message: 11796

Kent -

Danged. That is soooo easy. I have a Star*Board GMSK modem, 2 706's, a spare Windows PC, and a Star*DV which has a speaker mic. I will go down and look at the 706 in a bit. I could have this going real fast. Then I can use the 7100 to check out RX and TX invert settings. I have NATools running on my PC in the workshop where the 706 is. Thansk for the thoughts.

Thanks,

Carl WA0CQG

> On Sep 27, 2015, at 7:51 PM, 'Kent Hufford' khufford@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
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> Kent
> KQ4KK
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11797. Re: [gmsk_dv_node] Any successful mod of IC-706 for DSTAR?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-28 05:03:39 UTC
From: Estey Carl
Topic: 11793 Message: 11797

I looked at the IC706 Manual and the radio. It does not have a data port nor does it mention connecting a TNC. The IC-706 MKIIG manual does show a data port and can do 9066 BPS.

73
Carl WA0CQG

> On Sep 27, 2015, at 8:05 PM, Estey Carl carl@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
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> Kent -
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11798. Re: [gmsk_dv_node] Converting an Analogue HF radio to DStar

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-28 08:15:44 UTC
From: m1dns.gb3hb@...
Topic: 11789 Message: 11798

Purchase a dvrptr v1 board and its associated AMBE add-on card. Once configured, they can act standalone, without the PC.

A.

---In gmsk_dv_node@yahoogroups.com, <vk2mjm@...> wrote :

Thanks all for your reply. I guess I was hoping there might be a way that avoid using a computer. I was thinking I might try HF through a 7200. Perhaps it's not really practical.

Many thanks,

Jeremy

Sent from my iPhone

11799. RE: [gmsk_dv_node] Converting an Analogue HF radio to DStar

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-28 08:28:15 UTC
From: J. M. Moen
Topic: 11789 Message: 11799

The Raspberry Pi is not expensive and is more than enough to run the software needed for HF D-Star. It doesn’t have to be a big PC.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Sunday, September 27, 2015 1:29 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Converting an Analogue HF radio to DStar

Thanks all for your reply. I guess I was hoping there might be a way that avoid using a computer. I was thinking I might try HF through a 7200. Perhaps it's not really practical.

Many thanks,

Jeremy

Sent from my iPhone

On 28 Sep 2015, at 3:16 AM, 'J. M. Moen' jim@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

Chip WB0LBZ beat me to it, but yes, it is possible to adapt an analog FM radio that supports 9600 baud packet to be able to have D-Star DV QSOs.
You will need a modem of some sort (GMSK Modem like the Star*Board, DVRPTR series modem, DV-MEGA etc.) and an AMBE device (DV3K, ThumbDV, Star*DV – all of which use the latest AMBE 3000 chip -- or the original DV Dongle). You also need a computer (Windows, Linux) and appropriate software.
Note we are not saying this turns your analog radio into having all the features of an ICOM D-Star radio. But you can have D-Star digital voice QSOs through repeaters, Hotspots or via simplex with other D-Star radios, and you have the option to use slow speed data.
Which analog radio were you thinking of using?
Jim – K6JM
From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Sunday, September 27, 2015 6:16 AM
To: 'J. M. Moen' jim@k6jm.com [gmsk_dv_node]
Subject: [gmsk_dv_node] Converting an Analogue HF radio to DStar
I was wondering if it was possible to use a starboard to convert an analogue radio to Dstar? If so, how would you set it up?
Jeremy
73s
Jeremy
VK2MJM
CCS Code: 9755
Posted by: Jeremy J Barbouttis <vk2mjm@icloud.com>

11800. RE: [gmsk_dv_node] Converting an Analogue HF radio to DStar

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-28 08:35:11 UTC
From: J. M. Moen
Topic: 11789 Message: 11800

When you change HF bands, for most analog HF radios, the TX and/or RX Invert setting may need to be changed. How do you control those settings when the modem is in standalone mode?

I thought the standalone mode was mainly for a fixed band, like 2 meters or 70cm, where settings are constant as long as you stay on the same band. Jeremy VK2MKM asked about adapting an HF radio to do D-Star, and normally people frequently change bands on HF, and therefore will need to frequently flip the Invert settings.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, September 28, 2015 1:16 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Converting an Analogue HF radio to DStar
Purchase a dvrptr v1 board and its associated AMBE add-on card.
Once configured, they can act standalone, without the PC.

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---In gmsk_dv_node@yahoogroups.com, <vk2mjm@...> wrote :
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Many thanks,

Jeremy

Sent from my iPhone

Posted by: m1dns.gb3hb@...
--

11801. RE: [gmsk_dv_node] Converting an Analogue HF radio to DStar

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-29 17:47:38 UTC
From: m1dns.gb3hb@...
Topic: 11789 Message: 11801

Read, ONCE CONFIGURED, they can act standalone, without the PC. :-)

A.

---In gmsk_dv_node@yahoogroups.com, <jim@...> wrote :

RE: [gmsk_dv_node] Converting an Analogue HF radio to DStar When you change HF bands, for most analog HF radios, the TX and/or RX Invert setting may need to be changed. How do you control those settings when the modem is in standalone mode?
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Sent: Monday, September 28, 2015 1:16 AM
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Jeremy

Sent from my iPhone

Posted by: m1dns.gb3hb@... mailto:m1dns.gb3hb@...
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11802. RE: [gmsk_dv_node] Converting an Analogue HF radio to DStar

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-29 19:09:45 UTC
From: J. M. Moen
Topic: 11789 Message: 11802

My point is that the original poster wants to do HF D-Star, which implies changing bands relatively frequently. And since most analog HF radios have different Invert requirements for different bands, you will find yourself wanting to configure whenever you change bands.

So how do you configure the modem for the various bands, and in standalone mode, how to you tell the modem you are changing bands and therefore want different Invert settings?

Standalone mode is very nice for VHF or UHF hotspots, where you configure once and run unattended for months or years.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, September 29, 2015 10:48 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Converting an Analogue HF radio to DStar

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Posted by: m1dns.gb3hb@...

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11803. RE: [gmsk_dv_node] Converting an Analogue HF radio to DStar

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-09-30 16:45:31 UTC
From: m1dns.gb3hb@...
Topic: 11789 Message: 11803

If your running 20m you configure normal / invert settings for 20m, if you moved to 40 you change normal / invert for 40m settings. If your then on 80m you configure you 80m settings.

Its no different than changing config in your chosen modem software, for each and every band you move to.

A.

---In gmsk_dv_node@yahoogroups.com, <jim@...> wrote :

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To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Converting an Analogue HF radio to DStar

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---In gmsk_dv_node@yahoogroups.com mailto:gmsk_dv_node@yahoogroups.com, <vk2mjm@...
mailto:vk2mjm@...> wrote :
Thanks all for your reply. I guess I was hoping there might be a way that avoid using a computer. I was thinking I might try HF through a 7200. Perhaps it's not really practical.
Many thanks,
Jeremy

Sent from my iPhone
Posted by: m1dns.gb3hb@... mailto:m1dns.gb3hb@...

--

11804. GPIO ptt circuit

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-10-09 10:02:09 UTC
From: the1scorpion2002@...
Topic: 11804 Message: 11804

I am running a raspberry pi 2 and the moen GMSK modem board, full duplex to a pair of GE pehonix radios using the Western Dstar image. Problem I am having is the D-star repeater keeps locking on TX NOTE: radio is not actually transmitting, only software shows "TX" The gui shows all activity as normal but I do not get any audio out as the radio is not transmitting. Is there a simple circuit available that will show how to connect a PTT line to the GPIO header on the raspberry pi2 so I can use the GPIO to key up the radio instead of the GMSK modem.

My current solution is to continuously reboot the software or stop and restart the D-star repeater portion of the software.

Thank You :)

James ve1jcs

11805. Re: [gmsk_dv_node] GPIO ptt circuit

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-10-09 12:41:33 UTC
From: brian
Topic: 11804 Message: 11805

Hi James There is a document on the pcrepatercontroller site call interfaces (I think) it uses a single transistor and very little else. This runs very well, I have been using it for a couple of years with a soundcard node. Regards Brian gw6wtk Sent from Samsung Mobile
-------- Original message --------
From: "the1scorpion2002@yahoo.com [gmsk_dv_node]"
Date:09/10/2015 11:02 (GMT+00:00)
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] GPIO ptt circuit

I am running a raspberry pi 2 and the moen GMSK modem board, full duplex to a pair of GE pehonix radios using the Western Dstar image. Problem I am having is the D-star repeater keeps locking on TX NOTE: radio is not actually transmitting, only software shows "TX" The gui shows all activity as normal but I do not get any audio out as the radio is not transmitting. Is there a simple circuit available that will show how to connect a PTT line to the GPIO header on the raspberry pi2 so I can use the GPIO to key up the radio instead of the GMSK modem. My current solution is to continuously reboot the software or stop and restart the D-star repeater portion of the software. Thank You :) James ve1jcs

11806. Looking for video walkthrough or reviews of the StarDV (SDV)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-10-12 16:36:00 UTC
From: mrmingsiu@...
Topic: 11806 Message: 11806

I'm having a hard time finding video walkthrough or reviews the Star DV. Please post links to them if you have them.

11807. Re: Looking for video walkthrough or reviews of the StarDV (SDV)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-10-12 17:00:54 UTC
From: raywhitehouse@...
Topic: 11806 Message: 11807

I do not have a full review of the StarDV. However, I purchased one unit. Used it. Loved it. Ordered three more. Three units are in service on (different brand) laptops. One of the laptops uses wifi in a home. Two laptops use some home wifi, public hotspots, and my Verizon Blackberry hotspot (use it in my vehicle). I use two of the units, I shipped the other units to my father and brother. We all have positive things to say about the StarDV. The speaker mic is a very convenient option. It is not the best or greatest sound, but it is only a $10-$15 option, I think. The speaker mic does not have a volume control that is easy to use. You can adjust a pot inside the unit. The speaker mic can seem loud in an otherwise quiet room, but perfect in the car, a noisy room, or outside. My father uses external speakers and mic attached to his laptop. He uses Windows to control volume there. I have not seen any online reviews or videos either. I hope you find my info useful.

Ray
KI4BM

11808. Re: Looking for video walkthrough or reviews of the StarDV (SDV)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-10-13 01:38:35 UTC
From: mrmingsiu@...
Topic: 11806 Message: 11808

With limited funds I try to make prudent purchases. I never thought about the volume issue with the hand mic. That is good to know.

Regarding the software, will it work with winDV or other 3rd party software?

Do you have it setup with the Pi and Screen/buttons. How easy is it to change reflectors? Add reflectors? with it work with DCS and X-Reflectors?

11809. Re: Looking for video walkthrough or reviews of the StarDV (SDV)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-10-13 02:34:16 UTC
From: raywhitehouse@...
Topic: 11806 Message: 11809

I have only used StarDV Controller. Free download at moencomm.com. The StarDV also requires ircDDB Gateway from G4KLX. The StarDV software is straight forward and easy to use. We never have any problems connection to DPLUS reflectors. We have never tried DCS, CCS, dxtra.

StarDV controller software works fine so I have not tried others like WinDV.

I am not sure how the reflector list works. I know it looks up a list online and also has some txt files that are easy to edit. I do not remember which is the default - online or txt.. The gui lets you set the path to the local txt reflector list (tab delimited).

I have talked to a few people running rasp pi. Not sure about the setup there.

One other odd tid-bit when using the speaker mic: The mic cable is not very long so the StarDV dangles. Yes, you have a dongle that dangles! The problem is that the USB cable tends to pull out easily. I usually configure a rubber band to hold the USB cable in place.

The small issues with the speaker mic are trivial because the StarDV is very solid. The retailer is very open about the mic. He offers it as an "affordable" option. I prefer to use my headset and mic combo plugged into the laptop.

---In gmsk_dv_node@yahoogroups.com, <mrmingsiu@...> wrote :

With limited funds I try to make prudent purchases. I never thought about the volume issue with the hand mic. That is good to know.

Regarding the software, will it work with winDV or other 3rd party software?

Do you have it setup with the Pi and Screen/buttons. How easy is it to change reflectors? Add reflectors? with it work with DCS and X-Reflectors?

11810. Can not save star*board firmware?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-10-16 16:36:01 UTC
From: wd4w.ky@...
Topic: 11810 Message: 11810

I am trying to follow the procedures to save my firmware but that option is grey-ed out or not accessible in my
WinDV program, this is with or without SW3 jumpered.

What am I doing wrong?

Charles

11811. Re: Can not save star*board firmware?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-10-16 17:34:02 UTC
From: wd4w.ky@...
Topic: 11810 Message: 11811

The firmware update directions state you should save your firmware setting, not your current firmware before uploading the new firmware. I just thought it would be a good idea to save the original in case I mess up the process somehow.

I guess my question should have been:
Can you save your current firmware before installing new firmware?

11812. Using a FT-5100 for a D-Star Hot spot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-10-20 05:09:15 UTC
From: ko6n@...
Topic: 11812 Message: 11812

I'm in search of a project and I'm looking into using a FT-5100 on UHF for a D-star Hot Spot.

Questions:
Has anyone tried this? I found a 9600 Baud mod at mods.dk for the FT-5100 that seems to be straight forward enough. If anyone can verify that this works or if anyone has any recommendation for the mod it would be appreciated. I want to use the FT-5100 with an output of about 10 watts to give me coverage of a couple of miles around my home QTH.

My plan is to use a DVMEGA and a unused computer I have at home to get started with. Maybe go to a Raspberry PI at some later date.

Any suggestions are welcome.

Thanks,
Gabe
KO6N

11813. Re: Using a FT-5100 for a D-Star Hot spot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-10-20 20:03:46 UTC
From: Mike Moore
Topic: 11812 Message: 11813

I believe that dvmega needs a raspbery pi to plug into. dvrptr would be used with a pc or raspberry pi.

Mike Moore
mikemoore@...
(585) 721-0011

11814. Re: Using a FT-5100 for a D-Star Hot spot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-10-22 05:45:13 UTC
From: ko6n@...
Topic: 11812 Message: 11814

Thanks for the input. I am looking at a GMSK node adapter.

First, I'll get the mod done on the 5100 for 9600 baud and take it from there.

Gabe
KO6N

11815. New file uploaded to gmsk_dv_node

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-10-23 09:58:49 UTC
From: gmsk_dv_node@yahoogroups.com
Topic: 160 Message: 11815

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the gmsk_dv_node
group.

File : /Radio Files/Tait/CS700 Service Manual.pdf
Uploaded by : zl1hn@... <zl1hn@...>
Description :

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/gmsk_dv_node/files/Radio%20Files/Tait/CS700%20Service%20Manual.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

zl1hn@... <zl1hn@...>

11816. Re: FT-450 Dstar on HF

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-10-23 14:03:05 UTC
From: mmandell132@...
Topic: 11738 Message: 11816

Jim:
Can you explain this to an idiot (me)? I have your Star Board. It is hooked up to my ID880H when I use it. I have to use my ID51 to talk to the 880H to decode/encode DStar. I seem to be missing something for HF---how would I talk to the radio? I need and AMBE chip in there somewhere, or so I'd think. Thanks
Mike, KC3BLF

11817. RE: [gmsk_dv_node] Re: FT-450 Dstar on HF

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-10-23 15:16:17 UTC
From: Kent Hufford
Topic: 11738 Message: 11817

You can do DSTAR voice on HF if you have a HF radio with a 9600 baud data port.

The FT450 does not. The YAESU 847, 857, 897. The ICOM 706mk2, 7100. The Kenwood 2000 all do.

Yes, you need a AMBE chip in there.

You plug the star board into your PC USB port. A radio cable to the data port of the HF radio. AND you need a DVDongle(or thumb DV3000), that has a AMBE chip, plugged into the PC. Run all the correct software and you can use a headset mic. ON the PC to talk DSTAR HF voice. And since those radios have 2m and 440 modes, you can also do DSTAR voice on those bands.

Kent

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Friday, October 23, 2015 10:03 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: FT-450 Dstar on HF

Jim:
Can you explain this to an idiot (me)? I have your Star Board. It is hooked up to my ID880H when I use it. I have to use my ID51 to talk to the 880H to decode/encode DStar. I seem to be missing something for HF---how would I talk to the radio? I need and AMBE chip in there somewhere, or so I'd think. Thanks

Mike, KC3BLF

11818. RE: [gmsk_dv_node] Re: FT-450 Dstar on HF

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-10-24 08:52:07 UTC
From: m1dns.gb3hb@...
Topic: 11738 Message: 11818

---In gmsk_dv_node@yahoogroups.com, <khufford@...> wrote :

You can do DSTAR voice on HF if you have a HF radio with a 9600 baud data port.

The FT450 does not. The YAESU 847, 857, 897. The ICOM 706mk2, 7100. The Kenwood 2000 all do.

Yes, you need a AMBE chip in there.

Or would you ????

As you own a dstar vhf/uhf radio (I guess u do) but....

Here's an idea, that I'm yet to test....

vhf/uhf dstar radio, talking RF to node (module c or b)
HF radio connected to gmsk / dvrptr board, etc (module a)

"Link" modules together over IP.

Tx Signal flow goes. Af - vhf/uhf radio - signal is AMBE - module c/b - module a - HF radio (Tx as AMBE stream)

RX signal flow goes HF radio (RX AMBE stream) - module a - module c/b - vhf/uhf radio - ambe decoded by vhf/uhf radio - AF.

So using your vhf/uhf handi as a "bridge" for HF dstar ???

A.

11819. RE: [gmsk_dv_node] Re: FT-450 Dstar on HF

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-10-24 09:54:51 UTC
From: m1dns.gb3hb@...
Topic: 11738 Message: 11819

Hi marcus.

No not quiet but almost....

We all know how a simplex node works... Dstar radio talks to analogue radio. Dstar generated via ICOM rig, captured AMBE via analogue rig then streamed over the network. Network traffic passed to analogue rig sent as AMBE gmsk tones demodulated via dstar radio..

As well as the above, now create a "HF simplex node" using (as in my case) ft847 wired to dvrptr board (as in the analogue radio example above) and connected to dstarrepeater.. As module a.

When I connect module b (UHF) to module a (HF) any AMBE captured on the HF radio would be networked back to me on module b and converted by the uhf dstar radio.

This would obvs. be set up as a personal node, using a personal call..on you own local home network..... Don't go connecting your HF radio to 001c. !!!!

A.

11820. RE: [gmsk_dv_node] Re: FT-450 Dstar on HF

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-10-24 14:20:08 UTC
From: Kent Hufford
Topic: 11738 Message: 11820

Most HF/VHF/UHF radios only do one mode/band at a time.

So, you cannot come in the VHF and out the HF

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, October 24, 2015 4:52 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: FT-450 Dstar on HF

---In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com> , <khufford@... <mailto:khufford@...> > wrote :

You can do DSTAR voice on HF if you have a HF radio with a 9600 baud data port.

The FT450 does not. The YAESU 847, 857, 897. The ICOM 706mk2, 7100. The Kenwood 2000 all do.

Yes, you need a AMBE chip in there.

Or would you ????

As you own a dstar vhf/uhf radio (I guess u do) but....

Here's an idea, that I'm yet to test....

vhf/uhf dstar radio, talking RF to node (module c or b)

HF radio connected to gmsk / dvrptr board, etc (module a)

"Link" modules together over IP.

Tx Signal flow goes. Af - vhf/uhf radio - signal is AMBE - module c/b - module a - HF radio (Tx as AMBE stream)

RX signal flow goes HF radio (RX AMBE stream) - module a - module c/b - vhf/uhf radio - ambe decoded by vhf/uhf radio - AF.

So using your vhf/uhf handi as a "bridge" for HF dstar ???

A.

11821. RE: [gmsk_dv_node] Re: FT-450 Dstar on HF

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-10-24 19:28:00 UTC
From: m1dns.gb3hb@...
Topic: 11738 Message: 11821

Your not seeing what I'm envisioning Kent. Two radios, not one.

most of us all ready own a vhf or uhf node. Or both, or many there of.
I'm saying add in a HF node, and join those nodes together over a home network.

We use an anolgue vhf / uhf radio as the node radio to talk to our dstar radio so.... add a "std analogue" HF radio as a HF node to talk to other worldwide HF dstar radios over rf ??
My hf radio will act as a node radio would in a vhf uhf scenario.

My HF node would pass the recieved gmsk hf signal to the vhf or uhf node, over my home network. My uhf node would tx it and my dstar handie would recieve and demod it.

HF transmissions would start at the uhf dstar radio, received by the vhf/ uhf node passed over IP, to be transmitted as a dstar signal by my HF radio.

Basically I'm bridging UHF dstar radio - UHF node radio - IP network - HF node radio - then rf out to the general HF dstar populous.

A.

---In gmsk_dv_node@yahoogroups.com, <khufford@...> wrote :

Most HF/VHF/UHF radios only do one mode/band at a time.

So, you cannot come in the VHF and out the HF

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, October 24, 2015 4:52 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: FT-450 Dstar on HF

---In gmsk_dv_node@yahoogroups.com mailto:gmsk_dv_node@yahoogroups.com, <khufford@... mailto:khufford@...> wrote :
You can do DSTAR voice on HF if you have a HF radio with a 9600 baud data port.

The FT450 does not. The YAESU 847, 857, 897. The ICOM 706mk2, 7100. The Kenwood 2000 all do.

Yes, you need a AMBE chip in there.

Or would you ????

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RX signal flow goes HF radio (RX AMBE stream) - module a - module c/b - vhf/uhf radio - ambe decoded by vhf/uhf radio - AF.

So using your vhf/uhf handi as a "bridge" for HF dstar ???

A.

11822. RE: [gmsk_dv_node] Re: FT-450 Dstar on HF

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-10-24 19:31:58 UTC
From: Kent Hufford
Topic: 11738 Message: 11822

No, I am not.

Understand more than one radio.

So, give it a try.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, October 24, 2015 3:28 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: FT-450 Dstar on HF

Your not seeing what I'm envisioning Kent.

Two radios, not one.

most of us all ready own a vhf or uhf node. Or both, or many there of.

I'm saying add in a HF node, and join those nodes together over a home network.

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My HF node would pass the recieved gmsk hf signal to the vhf or uhf node, over my home network. My uhf node would tx it and my dstar handie would recieve and demod it.

HF transmissions would start at the uhf dstar radio, received by the vhf/ uhf node passed over IP, to be transmitted as a dstar signal by my HF radio.

Basically I'm bridging UHF dstar radio - UHF node radio - IP network - HF node radio - then rf out to the general HF dstar populous.

A.

---In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com> , <khufford@... <mailto:khufford@...> > wrote :

Most HF/VHF/UHF radios only do one mode/band at a time.

So, you cannot come in the VHF and out the HF

From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com> [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, October 24, 2015 4:52 AM
To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>
Subject: RE: [gmsk_dv_node] Re: FT-450 Dstar on HF

---In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com> , <khufford@... <mailto:khufford@...> > wrote :

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The FT450 does not. The YAESU 847, 857, 897. The ICOM 706mk2, 7100. The Kenwood 2000 all do.

Yes, you need a AMBE chip in there.

Or would you ????

As you own a dstar vhf/uhf radio (I guess u do) but....

Here's an idea, that I'm yet to test....

vhf/uhf dstar radio, talking RF to node (module c or b)

HF radio connected to gmsk / dvrptr board, etc (module a)

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RX signal flow goes HF radio (RX AMBE stream) - module a - module c/b - vhf/uhf radio - ambe decoded by vhf/uhf radio - AF.

So using your vhf/uhf handi as a "bridge" for HF dstar ???

A.

11823. Re: [gmsk_dv_node] DV NODE (HotSpot) RADIO LIST

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-10-26 03:04:47 UTC
From: ko6n@...
Topic: 5422 Message: 11823
Attachments: 1 described; binary payloads are missing from this source WARC

I am trying to modify a Yaesu FT-5100 for a D-STAR hotspot with a GMSK Node Adapter.

I found one mod on all the searches I performed and it is attached to this message.

The modification seems straight forward enough the only problem is that I cannot get to pin 13 of Q701 on the 430-PLL-Unit because it is a shielded board and the service manual is not detail enough to cover this technicality (See paragraph 4 on the first page of the attached file).

1. Does anyone know if this mod does in fact work?
2. Does anyone know if there is another way to get to the FM discriminator on the 440 side of the FT-5100?
2. Is there a different mod or way I can get the FT-5100 to work with 9600 Baud?

Any help would be appreciated.

Thanks,
Gabe
KO6N

11824. dstar and hf

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-10-31 03:41:51 UTC
From: hamradioman12@...
Topic: 11824 Message: 11824

hello group i am on dstar now but would like to talk dstar hf my radio is and icom 756 i have the dvrptr-v1 brd and the gmsk brd what do i need to do this. or what do i have to buy with out buying other radio to do hf dstar.

11825. Re: dstar and hf

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-10-31 11:16:41 UTC
From: m1dns.gb3hb@...
Topic: 11824 Message: 11825

Go back a dozen or so posts and you'll find it recently discussed.

But, here in short...

You need something to generate AMBE. (in your case buy the AMBE board to afix atop the dvrptrcard) or dv3000, dv dondle, gmsk3000 etc.

Connect up using dummyrepeater. Or dvrptr client.

Search back over my last few postings and you'll see you already have everything you need to go now.

A.

---In gmsk_dv_node@yahoogroups.com, <hamradioman12@...> wrote :

hello group i am on dstar now but would like to talk dstar hf my radio is and icom 756 i have the dvrptr-v1 brd and the gmsk brd what do i need to do this. or what do i have to buy with out buying other radio to do hf dstar.

11826. RE: [gmsk_dv_node] dstar and hf

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-10-31 11:47:20 UTC
From: khufford
Topic: 11824 Message: 11826

You need a hf radio with a 9600baud packet port.

Sent via the Samsung GALAXY S® 5, an AT&T 4G LTE smartphone

-------- Original message --------
From: "hamradioman12@yahoo.com [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
Date: 10/30/2015 23:41 (GMT-05:00)
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] dstar and hf

hello group i am on dstar now but would like to talk dstar hf my radio is and icom 756 i have the dvrptr-v1 brd and the gmsk brd what do i need to do this. or what do i have to buy with out buying other radio to do hf dstar.

11827. Case / Enclosure for StarBoard GMSK Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-11-13 04:29:32 UTC
From: k7rex@...
Topic: 11827 Message: 11827

I am looking for a case (enclosure) for the MoenComm StarBoard GMSK Modem board...
The Raspberry Pi has a couple of good case options, but I have yet to find anything for the StarBoard modem board. Any ideas and/or suggestions would be most appreciated...

~Dan

Dan Marler, K7REX
dan.marler@gmail.com

11828. RE: [gmsk_dv_node] Case / Enclosure for StarBoard GMSK Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-11-13 04:47:58 UTC
From: Brad Kellison
Topic: 11827 Message: 11828

I mounted my raspberry pi and GMSK modem from Moen com in a wall electrical box. Identical to the one George used on Amateurlogic.tv for his pi.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, November 12, 2015 11:30 PM
To: gmsk_dv_node@...m
Subject: [gmsk_dv_node] Case / Enclosure for StarBoard GMSK Modem

I am looking for a case (enclosure) for the MoenComm StarBoard GMSK Modem board...

The Raspberry Pi has a couple of good case options, but I have yet to find anything for the StarBoard modem board. Any ideas and/or suggestions would be most appreciated...

~Dan

Dan Marler, K7REX

dan.marler@... <mailto:dan.marler@...>

_____
NetZero now offers 4G mobile broadband. Sign up now.
http://www.netzero.net/?refcd=NZINTISP0512T4GOUT1

11829. RE: [gmsk_dv_node] Case / Enclosure for StarBoard GMSK Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-11-13 04:47:22 UTC
From: khufford
Topic: 11827 Message: 11829

An Altoids tin.

Sent via the Samsung GALAXY S® 5, an AT&T 4G LTE smartphone

-------- Original message --------
From: "k7rex@yahoo.com [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
Date: 11/12/2015 23:29 (GMT-05:00)
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Case / Enclosure for StarBoard GMSK Modem

I am looking for a case (enclosure) for the MoenComm StarBoard GMSK Modem board...The Raspberry Pi has a couple of good case options, but I have yet to find anything for the StarBoard modem board. Any ideas and/or suggestions would be most appreciated...

~Dan
Dan Marler, K7REXdan.marler@gmail.com

11830. Re: Case / Enclosure for StarBoard GMSK Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-11-13 13:02:25 UTC
From: rlnou812@...
Topic: 11827 Message: 11830

I still have several aluminum die-cast cases like the one I used in this project. One for $ 15.00 including Priority Mail or two for $ 20.00.

wb0vhb.com/Dstar.html http://wb0vhb.com/Dstar.html

11831. Re: [gmsk_dv_node] Re: Case / Enclosure for StarBoard GMSK Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-11-13 15:14:40 UTC
From: Estey Carl
Topic: 11827 Message: 11831

I have three GMSK boards from Moencomm: one mobile hotspot (Icom IC-207), one home hotspot (Icom IC-208), and one with a HFDSTAR setup (Yaesu FT-857). All three are in RF environments and are mount in plastic cases Jim recommended. I am having no RF issues I am aware of but your box would provide good EMI protection.

I am interested in your die-cast enclosures bur am curious how you got the interfaces to/from the modem in/out of the die-cast box. Please explain that and tell me what you would need ($$) for three enclosures and shipping?

Regards,

Carl Estey
10021 Drew Avenue S.
Bloomington, MN 55431
E-Mail: carl@...
Home Phone: (952) 835-0056
Cell Phone: (952) 250-3110

Amateur Radio Callsign WA0CQG

> On Nov 13, 2015, at 7:02 AM, rlnou812@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
>
> I still have several aluminum die-cast cases like the one I used in this project. One for $ 15.00 including Priority Mail or two for $ 20.00.
>
>
>
> wb0vhb.com/Dstar.html <http://wb0vhb.com/Dstar.html>
>
>
>
>

11832. Re: [gmsk_dv_node] Case / Enclosure for StarBoard GMSK Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-11-13 15:45:02 UTC
From: Mike Penkas
Topic: 11827 Message: 11832
Attachments: 1 described; binary payloads are missing from this source WARC

Dan,
I cut a couple pieces of Lexan and mounted it between them with spacers.
Mike WA8EBM

On 11/12/2015 11:29 PM, k7rex@... [gmsk_dv_node] wrote:
>
> I am looking for a case (enclosure) for the MoenComm StarBoard GMSK
> Modem board...
>
> The Raspberry Pi has a couple of good case options, but I have yet to
> find anything for the StarBoard modem board. Any ideas and/or
> suggestions would be most appreciated...
>
>
>
> ~Dan
>
>
> Dan Marler, K7REX
>
> dan.marler@...
>
>
>
>
>

11833. Re: [gmsk_dv_node] Digest Number 1817[1 Attachment]

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-11-14 13:28:20 UTC
From: Johnny
Topic: 11833 Message: 11833

Mine is in an Altoid box for over two years now, and it works great
w5dra.gw.ircddb.net

> On Nov 14, 2015, at 2:55 AM, gmsk_dv_node@yahoogroups.com wrote:
>
> D-STAR GMSK Simplex Nodes and Repeaters Group
> 3 Messages Digest #1817
> 1a Re: Case / Enclosure for StarBoard GMSK Modem by randy52644
> 1b Re: Case / Enclosure for StarBoard GMSK Modem by "Estey Carl" wa0cqg
> 2a Re: Case / Enclosure for StarBoard GMSK Modem by "Mike Penkas" mpenkas
> Messages
> 1a Re: Case / Enclosure for StarBoard GMSK Modem
> Fri Nov 13, 2015 5:02 am (PST) . Posted by: randy52644
> I still have several aluminum die-cast cases like the one I used in this project. One for $ 15.00 including Priority Mail or two for $ 20.00.
>
>
> wb0vhb.com/Dstar.html http://wb0vhb.com/Dstar.html
>
>
>
>
>
> Reply to sender . Reply to group . Reply via Web Post . All Messages (6) . Top ^
> 1b Re: Case / Enclosure for StarBoard GMSK Modem
> Fri Nov 13, 2015 7:14 am (PST) . Posted by: "Estey Carl" wa0cqg
> I have three GMSK boards from Moencomm: one mobile hotspot (Icom IC-207), one home hotspot (Icom IC-208), and one with a HFDSTAR setup (Yaesu FT-857). All three are in RF environments and are mount in plastic cases Jim recommended. I am having no RF issues I am aware of but your box would provide good EMI protection.
>
> I am interested in your die-cast enclosures bur am curious how you got the interfaces to/from the modem in/out of the die-cast box. Please explain that and tell me what you would need ($$) for three enclosures and shipping?
>
> Regards,
>
> Carl Estey
> 10021 Drew Avenue S.
> Bloomington, MN 55431
> E-Mail: carl@...
> Home Phone: (952) 835-0056
> Cell Phone: (952) 250-3110
>
> Amateur Radio Callsign WA0CQG

>
> > On Nov 13, 2015, at 7:02 AM, rlnou812@... [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com> wrote:
> >
> >
> > I still have several aluminum die-cast cases like the one I used in this project. One
for $ 15.00 including Priority Mail or two for $ 20.00.
> >
> >
> >
> > wb0vhb.com/Dstar.html <http://wb0vhb.com/Dstar.html>
> >
> >
> >
> >
>
> Reply to sender . Reply to group . Reply via Web Post . All Messages (6) . Top ^
> 2a Re: Case / Enclosure for StarBoard GMSK Modem
> Fri Nov 13, 2015 7:47 am (PST) . Posted by: "Mike Penkas" mpenkas
> Dan,
> I cut a couple pieces of Lexan and mounted it between them with spacers.
> Mike WA8EBM
>
> On 11/12/2015 11:29 PM, k7rex@... [gmsk_dv_node] wrote:
> >
> > I am looking for a case (enclosure) for the MoenComm StarBoard GMSK
> > Modem board...
> >
> > The Raspberry Pi has a couple of good case options, but I have yet to
> > find anything for the StarBoard modem board. Any ideas and/or
> > suggestions would be most appreciated...
> >
> >
> >
> > ~Dan
> >
> >
> > Dan Marler, K7REX
> >
> > dan.marler@...
> >
> >
> >
> >
> >
>
> Attachment(s) from Mike Penkas
> 1 of 1 Photo(s)
> IMG_3421.JPG
> Reply to sender . Reply to group . Reply via Web Post . All Messages (6) . Top ^

> Questions? Check out our Frequently Asked Questions: http://www.gmskdvnode.info/
> VISIT YOUR GROUP New Members 3
> • Privacy • Unsubscribe • Terms of Use

11834. Re: [gmsk_dv_node] Re: Case / Enclosure for StarBoard GMSK Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-11-14 13:50:04 UTC
From: rlnou812@...
Topic: 11827 Message: 11834

Carl, Since I have not had any RF interference issues with the StarBoard, RF shielding was not a concern. The die-cast enclosure was just used for physical protection. My interfacing consisted of removing a section of one side of the box for the connectors.

I have some pictures from Robert K5DTE who bought an enclosure and did a much nicer job at providing a cable path than I did.

Two of these enclosures will fit inside a small Flat Rate USPS box. I would have to use a medium flat rate box for more than two enclosures. Three enclosures including postage would be $ 25.00.

Randy
WB0VHB

11835. Re: [gmsk_dv_node] Re: Case / Enclosure for StarBoard GMSK Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-11-14 14:24:47 UTC
From: Estey Carl
Topic: 11827 Message: 11835

Randy -

Thanks for the pictures and all of the good info. I think I will not make the change to die-cast aluminum since I have all three modems packaged in plastic cases. Both Jim Moen and I have seen the modem either act weird or loose software when a handheld like the ID-51 is i used right at the work bench to do the NAWinTEST setup and tests. With the Analog radios using a proper load and the handheld more than 3’ away the RF does not become a problem. But I really like your die-cast appropach and will store it away as really useful data for the future.

Two more questions:

Were the boxes Hammond or some manufacturer distributed from some place like Mouser or DigiKey so they might be available when you run out in the future?
Do you think the sidewall cut-away could be done with a cutting wheel on a Dremmel tool? If not, how did you do the cutting? I did somethink very similar with my plastic boxes except the plastic ternded to puddle and took a little knife action to clear away fully.

73,
Carl
E-Mail: carl@esteys.net
Home Phone: (952) 835-0056
Cell Phone: (952) 250-3110
Amateur Radio Callsign WA0CQG

> On Nov 14, 2015, at 7:50 AM, rlnou812@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
> Carl, Since I have not had any RF interference issues with the StarBoard, RF shielding was not a concern. The die-cast enclosure was just used for physical protection. My interfacing consisted of removing a section of one side of the box for the connectors.
>
>
> I have some pictures from Robert K5DTE who bought an enclosure and did a much nicer job at providing a cable path than I did.
>
> Two of these enclosures will fit inside a small Flat Rate USPS box. I would have to use a medium flat rate box for more than two enclosures. Three enclosures including postage would be $ 25.00.
>
> Randy
> WB0VHB
>
>

11836. Re: [gmsk_dv_node] Re: Case / Enclosure for StarBoard GMSK Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-11-16 03:15:29 UTC
From: Dan Marler
Topic: 11827 Message: 11836

Okay --- I'll take two of them --- how do I send payment ?
Dan Marler, K7REXdan.marler@...

On Friday, November 13, 2015 6:02 AM, "rlnou812@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

I still have several aluminum die-cast cases like the one I used in this project. One for $ 15.00 including Priority Mail or two for $ 20.00.
wb0vhb.com/Dstar.html

11837. Rasberry Pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-11-17 01:01:24 UTC
From: ibernie@...
Topic: 11837 Message: 11837

I am building a Hotspot using a raspberry pi. The Software is not recognizing my Moen Starboard. Do I need to update the firmware? Is it a setting? Works fine on the windows PC. Thanks.

11838. Re: [gmsk_dv_node] Rasberry Pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-11-17 01:32:29 UTC
From: Dave Webb KB1PVH
Topic: 11837 Message: 11838

If you are using a Raspberry Pi and Moen board you need the Beta firmware from Fred at Dutch Star.

Dave-KB1PVH

Sent from my Galaxy S4

On Nov 16, 2015 8:01 PM, "ibernie@yahoo.com [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

I am building a Hotspot using a raspberry pi. The Software is not recognizing my Moen Starboard. Do I need to update the firmware? Is it a setting? Works fine on the windows PC. Thanks.

11839. Re: Case / Enclosure for StarBoard GMSK Modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-11-17 04:09:33 UTC
From: k7rex@...
Topic: 11827 Message: 11839

I am interested in obtaining two (2) of them...

How do I get payment to you???

Dan Marler, K7REX
208-914-8939
dan.marler@gmail.com

11840. RE: [gmsk_dv_node] Rasberry Pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-11-19 05:20:59 UTC
From: J. M. Moen
Topic: 11837 Message: 11840

To build on that, many people who run their DUTCH*Star-based GMSK Modem, like the Star*Board, on a Pi are using a Pi image with the G4KLX programs installed (DStarRepeater and ircDDBGateway). Some use Free*Star. Others use ConDV.

For people running G4KLX or Free*Star, the modem needs to have the Beta version of the DUTCH*Star firmware installed. With ConDV, you don’t need the Beta version, but it doesn’t hurt.

If you don’t have the Beta firmware, please contact me directly.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, November 16, 2015 5:32 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Rasberry Pi

If you are using a Raspberry Pi and Moen board you need the Beta firmware from Fred at Dutch Star.

Dave-KB1PVH

Sent from my Galaxy S4

On Nov 16, 2015 8:01 PM, "ibernie@... [gmsk_dv_node] <mailto:ibernie@...%20[gmsk_dv_node]> " <gmsk_dv_node@yahoogroups.com> wrote:

I am building a Hotspot using a raspberry pi. The Software is not recognizing my Moen Starboard. Do I need to update the firmware? Is it a setting? Works fine on the windows PC. Thanks.

Posted by: Dave Webb KB1PVH <kb1pvh@...>

’---

11841. Fwd: repeater standalone to repeater mode

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-11-23 22:11:39 UTC
From: ea8ee
Topic: 11841 Message: 11841

[image: logo]
Jose Manuel Martinez *EA8EE*
Whatsapp: +34692112495 | Telegram :@ea8ee | +967961389
<fax:+967961389> | C/pelota,21-2C-35001-Las
Palmas--Spain | ea8ee@... | http://www.radioclubfaycanes.es | Skype:
ea8ee1 <#> | ea8ee | ED8ZAB-R XRF007B
<http://plus.google.com/ea8ee1>
<http://www.facebook.com/groups/dstar.spain/>
Radionoticias Nuevos anuncios de segunda mano
<http://www.radionoticias.com/Anuncios-emisoras-usadas-23112015.html>
Latest Tweet: <https://twitter.com/ea8ee> primeras pruebas de audio con
exito del server Brainmeister @HamDMRes <https://twitter.com/HamDMRes>
@RadioDigutalURE <https://twitter.com/RadioDigutalURE> @dmrspain
<https://twitter.com/dmrspain> @DMR-FRANCE <https://twitter.com/DMR-FRANCE>
https://t.co/wGpS7VqsBd Read More
<https://twitter.com/ea8ee/statuses/666382297000710145>
<https://twitter.com/ea8ee>
✓ Get a Signature like this: Click Here!
<http://ws-promos.appspot.com/r?rdata=eyJydXJsIjogImh0dHA6Ly93d3cud2lzZXN0YW1wLmNvbS9lbWFpbC1pbnN0YWxsP3dzX25jaWQ9NjcyMjk0MTIwJnV0bV9zb3VyY2U9ZXh0ZW5zaW9uJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXByb21vXzU3MTM1NzMyNTA1OTY4NjQiLCAiZSI6ICI1NzEzNTczMjUwNTk2ODY0In0=>

```
---------- Forwarded message ----------
From: ea8ee <ea8ee1@...>
Date: 2015-11-23 21:56 GMT+00:00
Subject: repeater standalone to repeater mode
To: "DVRPTR@yahoogroups.com" <DVRPTR@yahoogroups.com>

we have made a change in our repeater homebrew using two motorolas of
standalone mode using the dvrptr software gateway mode now have internet in
the repeater so what happens that even goes digital audio but not decode I
tried changing number parameters tX deviation is now in 0.55 mv but
unsuccessfully someone can suggest me where can the problem be? before in
standalone with 0.70mv work nice

Enviado con MailTrack
<https://mailtrack.io/install?source=signature&lang=es&referral=ea8ee1@gmail.com&idSignatu
re=23>
```

[image: logo]
Jose Manuel Martinez *EA8EE*
Whatsapp: +34692112495 <Whatsapp:%20+34692112495> | Telegram :@ea8ee |
+967961389 | C/pelota,21-2C-35001-Las Palmas--Spain | ea8ee@... |
http://www.radioclubfaycanes.es | Skype: ea8ee1 <#151365967a4a837c_> | ea8ee
| ED8ZAB-R XRF007B

<http://plus.google.com/ea8ee1>
<http://www.facebook.com/groups/dstar.spain/>
Radionoticias Nuevos anuncios de segunda mano
<http://www.radionoticias.com/Anuncios-emisoras-usadas-23112015.html>
Latest Tweet: <https://twitter.com/ea8ee> primeras pruebas de audio con
exito del server Brainmeister @HamDMRes <https://twitter.com/HamDMRes>
@RadioDigutalURE <https://twitter.com/RadioDigutalURE> @dmrspain
<https://twitter.com/dmrspain> @DMR-FRANCE <https://twitter.com/DMR-FRANCE>
https://t.co/wGpS7VqsBd Read More
<https://twitter.com/ea8ee/statuses/666382297000710145>
<https://twitter.com/ea8ee>
✓ Get a Signature like this: Click Here!
<http://ws-promos.appspot.com/r?rdata=eyJydXJsIjogImh0dHA6Ly93d3cud2lzZXN0YW1wLmNvbS9lbWFpbC1pbnN0YWxsP3dzX25jaWQ9NjcyMjk0MTIwJnV0bV9zb3VyY2U9ZXh0ZW5zaW9uJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXByb21vXzU3MTM1NzMyNTA1OTY4NjQiLCAiZSI6ICI1NzEzNTczMjUwNTk2ODY0In0=>

Enviado con MailTrack
<https://mailtrack.io/install?source=signature&lang=es&referral=ea8ee1@...&idSignature=23>

11842. RE: [gmsk_dv_node] Re: Looking for video walkthrough or reviews of the StarDV (SDV)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-11-26 10:14:58 UTC
From: J. M. Moen
Topic: 11806 Message: 11842

There are several software applications that work with the Star*DV AMBE 3000 dongle. On Windows, the recommended is the SDV application that has a nice graphical interface (to control linking, etc.). This program works with the G4KLX program ircDDBGateway. SDV can be configured to show a map using DPRS data, and has a nice look to it.

On the Raspberry Pi, since most people don't buy a small monitor for their Pi, there is a 2nd version of SDV that runs "headless". You need to have an LCD plate that has 5 control buttons (Up/Down/Left/Right/Select), and that version of SDV lets you control linking. By the way, when listening to someone talking on a linked reflector, the LCD shows the callsign and text message, which is nice. To change reflectors, you hit the Down button until Link shows, hit the Select button, hit the Down again until the desired reflector shows on the LCD, hit the Right button to pick the port (A, B, C etc.) and hit Select. It takes longer to write all this than to do it….

As an alternative on the Pi, you could install the graphical version of SDV, then configure things so you control linking from your main PC's monitor and mouse. There are web pages showing how to install either on Windows or the Pi.

So you have options. In fact, on Windows, instead of SDV and ircDDBGateway, you could run the latest version of WinDV. To configure, on the Tools > Options window, specify the ThumbDV Dongle, fill in the proper COM port and to the right, choose the 460800 data rate. WinDV will use the Star*DV as a AMBE 3000 device, but does not yet support the plug-in speaker/mike option.

The designer of the Star*DV and the author of the open source SDV programs – Rick, KD0OSS – also created a version of DummyRepeater if you prefer that approach. In my own experience, though SDV is an excellent way to use the Star*DV.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, October 12, 2015 6:39 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Looking for video walkthrough or reviews of the StarDV (SDV)
With limited funds I try to make prudent purchases. I never thought about the volume issue with the hand mic. That is good to know.
Regarding the software, will it work with winDV or other 3rd party software?

Do you have it setup with the Pi and Screen/buttons. How easy is it to change reflectors? Add reflectors? with it work with DCS and X-Reflectors?

Posted by: mrmingsiu@...

'---

11843. RE: [gmsk_dv_node] Re: Can not save star*board firmware?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-11-26 10:18:05 UTC
From: J. M. Moen
Topic: 11810 Message: 11843

I don’t think the NATools program (NAWinCFG or nacfg) has a way to save the firmware settings. I just write down the settings on the main window and the Mode window, install new firmware, then reconfigure in the original settings. Takes a minute.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Friday, October 16, 2015 10:34 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Can not save star*board firmware?
The firmware update directions state you should save your firmware setting, not your current firmware before uploading the new firmware. I just thought it would be a good idea to save the original in case I mess up the process somehow.

I guess my question should have been:
Can you save your current firmware before installing new firmware?_._,_.___

Posted by: wd4w.ky@...

11844. RE: [gmsk_dv_node] Re: FT-450 Dstar on HF

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-11-26 10:56:02 UTC
From: J. M. Moen
Topic: 11738 Message: 11844

Your 2-radio/2-Hotspot approach is do-able if you have a router that supports loop-back. The key idea is setting up two separate Hotspots, which are basically simplex repeaters connected to the internet.

The Hotspot working with the HF radio needs to be configured to accept incoming connections, and that is not difficult. Then instead of linking to an external reflector or repeater, you link the VHF/UHF Hotspot to the HF Hotspot in the same room. It is likely you have one internet connection and one router, hence, one IP address.

The trick is the Hotspot working with the VHF/UHF radio will be running software trying to connect out to an external IP address, say the IP for REF001C. In this exercise, it will try to connect to your own IP address.

Most consumer-grade routers don't support that kind of loop-back to your own IP address. There are two solutions – get a router that supports that, or get your ISP to give you more than one static IP address and get a 2nd router. I actually did the 2nd approach and tested out what you are talking about. It worked. But to be honest, the better way would have been to get a better router supporting loop-back.

Better still, in terms of simplicity, is just to have both a modem and an AMBE device connected to the same PC and running an appropriate program. In this case, you use the PC's speakers and mike, or a speaker/mike plugged into the AMBE device.

You have 4 choices for the AMBE device: the original DV Dongle (blue), the new DV3K, the NW Digital ThumbDV and the Matrix Circuits Star*DV. All but the first use the new AMBE 3000 chip. The Star*DV has a built-in codec and speaker/mike connectors.

Software will vary depending on which AMBE device, ranging from G4KLX's Client program (e.g. GMSKClient) to SDV, the Open Source program by the designer of the Star*DV.

One thing to look out for – most radios have different Invert requirements for each band. If you plan to change bands often when doing HF D-Star, think about if your modem requires you to load a config program to change the Invert settings. For example, say you are using GMSKClient with a GMSK Modem and want to change HF bands. You would exit GMSKClient, load the Config program, change RX and/or TX Invert to the new band's needs, exit config, restart GMSKClient.

If you will change bands often, the SDV program for the Star*DV dongle can store the Invert settings by band and can instantly change the GMSK Modem's Invert settings as you change bands. This makes things a bit easier.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, October 24, 2015 2:55 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: FT-450 Dstar on HF

Hi marcus.

No not quiet but almost....

We all know how a simplex node works... Dstar radio talks to analogue radio. Dstar generated via ICOM rig, captured AMBE via analogue rig then streamed over the network. Network traffic passed to analogue rig sent as AMBE gmsk tones demodulated via dstar radio..

As well as the above, now create a "HF simplex node" using (as in my case) ft847 wired to dvrptr board (as in the analogue radio example above) and connected to dstarrepeater.. As module a.

When I connect module b (UHF) to module a (HF) any AMBE captured on the HF radio would be networked back to me on module b and converted by the uhf dstar radio.

This would obvs. be set up as a personal node, using a personal call..on you own local home network..... Don't go connecting your HF radio to 001c. !!!!

A.

11845. RE: [gmsk_dv_node] dstar and hf

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-11-26 11:08:56 UTC
From: J. M. Moen
Topic: 11824 Message: 11845

What's needed with either modem is a radio that does no filtering or audio processing of the RX audio from the discriminator and of the TX audio sent to the modulator. A fast way to see if that is easily supported by a radio is to see if it supports 9600 packet data.

Looking at the IC-756 manual, I see no mention of 9600 packet. The description of the ACC1 connector's pin 4 says it is "modulator input" meaning TX data in; pin 5 is "AF detector" or RX audio out. But it does not say that is flat, unfiltered audio, so before proceeding, you should check the schematic or find someone who has tried this using the 756.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Friday, October 30, 2015 8:42 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] dstar and hf
hello group i am on dstar now but would like to talk dstar hf my radio is and icom 756 i have the dvrptr-v1 brd and the gmsk brd what do i need to do this. or what do i have to buy with out buying other radio to do hf dstar
Posted by: hamradioman12@...

–'---

11846. RE: [gmsk_dv_node] Re: Can not save star*board firmware?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-11-27 17:03:12 UTC
From: cq_k7ng@...
Topic: 11810 Message: 11846

I bought a Star*Board some time ago and it came with K6JM's 'test' firmware as the Dutch*Star site was unavailable. Since then I have been using the board with a Raspberry Pi 2b and have not gone to get my licensed copy of the firmware because I have been having problems with getting the G4KLX image to run continuously. I was afraid to disturb anything. However, on Wednesday last I did download the firmware via my license code and (after making note of the settings) installed it in the Star*Board and entered the same settings as I had before.

I cannot now make the board communicate with the Raspberry Pi. The board appears to receive a valid D-star signal but does not transmit nor does the transmission appear on 'stations heard' of any reflector. I can hear traffic on the reflector on a DVDongle so I know the reflector is up.

K6JM's website and the Dutch*Star website are of no help in determining if there are other parameters I must enter or change. I am curious about the tab I find in NAWinCFG for callsigns... the information is concealed and I am not sure whether the information within is correct or not and I am reluctant to make any experimental changes for fear of making the situation worse than it is now, or unrecoverable.

I want to start from ground zero, if there is a step-by step procedure that I can follow to get my hotspot running once again, would someone please point me to it?

Inquiries to another group that I thought might help resulted in 'That shouldn't happen', which I find to be extremely helpful...

Thanks for anything at all,
Dave K7NG

11847. RE: [gmsk_dv_node] Re: Can not save star*board firmware?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-11-27 17:28:10 UTC
From: g0tjh@yahoo.co.uk
Topic: 11810 Message: 11847
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Dave , Did you make a note of the "RX invert" and "TX invert" as these will need to be correct ? Now for the bad news ,un less your reg copy is a special one done the the KLX software it will keep locking up . Now for the very bad news Having spoke to Mr KLX in person at a show last year re lockup ,he told me why that happens and there is no fix for it . In a nutshell its how the modems (they all do it) talk down the USB port . The only one that dose not suffer the broken signal lockups is the DV mega as it dose not use the USB port .

Ian G0TJH

-------Original Message-------

From: cq_k7ng@... [gmsk_dv_node]
Date: 27/11/2015 17:03:23
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: Can not save star*board firmware?

I bought a Star*Board some time ago and it came with K6JM's 'test' firmware as the Dutch*Star site was unavailable. Since then I have been using the board with a Raspberry Pi 2b and have not gone to get my licensed copy of the firmware because I have been having problems with getting the G4KLX image to run continuously. I was afraid to disturb anything. However, on Wednesday last I did download the firmware via my license code and (after making note of the settings) installed it in the Star*Board and entered the same settings as I had before.

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Inquiries to another group that I thought might help resulted in 'That shouldn't happen', which I find to be extremely helpful...

Thanks for anything at all,
Dave K7NG

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11848. RE: [gmsk_dv_node] Re: Can not save star*board firmware?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-11-27 21:23:37 UTC
From: m1dns.gb3hb@...
Topic: 11810 Message: 11848

The advice below is good ref reconfiguring the RX & TX invert settings, however

it was recently found the software locks up because it did not handle the threading processes of the pi 2 proccesors correctly.
NOTE I said DID NOT handle, as this now appears fixed in an update.
reports so far.... 1 wk no lockups, previously lockups would occur between 2hrs to 3 days.

I think this lockup effect only occurred with the pi2 , I never saw this on the older generation, and I ran a lot of 'em. 70cms repeater, 2m gateway, 2m, 70cms personal node (home), 2m, 70cms p/node (portable), dummyrepeater, analogue bridge.. with gmsk cards, dvrptr cards, dvrptr / AMBE cards, megas, dvaps, dvdongles.. It was occurring more with swapouts of the newer Pi's replacing the older models.

Dstar101.com is worth a look, you also have pi images available by Western Dstar and Maryland dstar. (WDS is my personal fav) also check in the files folder of the "other groups" you joined, there's a lot of docs there to get you up and going, some using alternative installation routes. Also don't forget youtube, for Dstar related videos re. g4klx setup and configuration.

A.

In gmsk_dv_node@yahoogroups.com, <g0tjh@...> wrote :

Hi Dave , Did you make a note of the "RX invert" and "TX invert" as these will need to be correct ? Now for the bad news ,un less your reg copy is a special one done the the KLX software it will keep locking up . Now for the very bad news Having spoke to Mr KLX in person at a show last year re lockup ,he told me why that happens and there is no fix for it . In a nutshell its how the modems (they all do it) talk down the USB port . The only one that dose not suffer the broken signal lockups is the DV mega as it dose not use the USB port .

Ian G0TJH

-------Original Message-------

From: cq_k7ng@... [gmsk_dv_node] mailto:gmsk_dv_node@yahoogroups.com
Date: 27/11/2015 17:03:23
To: gmsk_dv_node@yahoogroups.com mailto:gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: Can not save star*board firmware?

I bought a Star*Board some time ago and it came with K6JM's 'test' firmware as the Dutch*Star site was unavailable. Since then I have been using the board with a Raspberry Pi 2b and have not gone to get my licensed copy of the firmware because I have been having problems with getting the G4KLX image to run continuously. I was afraid to disturb anything. However, on Wednesday last I did download the firmware via my license code and (after making note of the settings) installed it in the Star*Board and entered the same settings as I had before.

I cannot now make the board communicate with the Raspberry Pi. The board appears to receive a valid D-star signal but does not transmit nor does the transmission appear on 'stations heard' of any reflector. I can hear traffic on the reflector on a DVDongle so I know the reflector is up.

K6JM's website and the Dutch*Star website are of no help in determining if there are other parameters I must enter or change. I am curious about the tab I find in NAWinCFG for callsigns... the information is concealed and I am not sure whether the information within is correct or not and I am reluctant to make any experimental changes for fear of making the situation worse than it is now, or unrecoverable.

I want to start from ground zero, if there is a step-by step procedure that I can follow to get my hotspot running once again, would someone please point me to it?

Inquiries to another group that I thought might help resulted in 'That shouldn't happen', which I find to be extremely helpful...

Thanks for anything at all,
Dave K7NG

http://www.incredimail.com/?id=621159&did=10501&ppd=2820,201206281812,9,1,92267633311151400&rui=159611510&app_test_id=0&sd=20151127 FREE Animations for your email http://www.incredimail.com/?id=621159&did=10501&ppd=2820,201206281812,9,1,92267633311151400&rui=159611510&app_test_id=0&sd=20151127 http://www.incredimail.com/?id=621159&did=10501&ppd=2820,201206281812,9,1,92267633311151400&rui=159611510&app_test_id=0&sd=20151127 http://www.incredimail.com/?id=621159&did=10501&ppd=2820,201206281812,9,1,92267633311151400&rui=159611510&app_test_id=0&sd=20151127 http://www.incredimail.com/?id=621159&did=10501&ppd=2820,201206281812,9,1,92267633311151400&rui=159611510&app_test_id=0&sd=20151127 http://www.incredimail.com/?id=621159&did=10501&ppd=2820,201206281812,9,1,92267633311151400&rui=159611510&app_test_id=0&sd=20151127 Click Here! http://www.incredimail.com/?id=621159&did=10501&ppd=2820,201206281812,9,1,92267633311151400&rui=159611510&app_test_id=0&sd=20151127 http://www.incredimail.com/?id=621159&did=10501&ppd=2820,201206281812,9,1,92267633311151400&rui=159611510&app_test_id=0&sd=20151127 http://www.incredimail.com/?id=621159&did=10501&ppd=2820,201206281812,9,1,92267633311151400&rui=159611510&app_test_id=0&sd=20151127 http://www.incredimail.com/?id=621159&did=10501&ppd=2820,201206281812,9,1,92267633311151400&rui=159611510&app_test_id=0&sd=20151127 http://www.incredimail.com/?id=621159&did=10501&ppd=2820,201206281812,9,1,92267633311151400&rui=159611510&app_test_id=0&sd=20151127

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www.avast.com https://www.avast.com/antivirus

11849. RE: [gmsk_dv_node] Re: Can not save star*board firmware?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-11-28 03:55:04 UTC
From: cq_k7ng@...
Topic: 11810 Message: 11849

I guess I'll get the Western Dstar image to start with, then see what I can do from there. So where do I go to get a copy of firmware that I can trust to work with the Star*Board AND Western DStar AND Rpi 2b, since there wasn't any way for me to save the firmware that came with the Star*Board externally.

Thanks for the help thus far.

Dave K7NG

11850. RE: [gmsk_dv_node] Re: Can not save star*board firmware?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-11-28 09:41:37 UTC
From: m1dns.gb3hb@...
Topic: 11810 Message: 11850

The only choice I know is from Fred at dutchstar. www.dutch-star.eu He has recently relocated from Europe to the US, and because of that he's plenty to do. A request here normally does get a reply, eventually.

A.

---In gmsk_dv_node@yahoogroups.com, <cq_k7ng@...> wrote :

I guess I'll get the Western Dstar image to start with, then see what I can do from there. So where do I go to get a copy of firmware that I can trust to work with the Star*Board AND Western DStar AND Rpi 2b, since there wasn't any way for me to save the firmware that came with the Star*Board externally.

Thanks for the help thus far.

Dave K7NG

11851. RE: [gmsk_dv_node] Re: FT-450 Dstar on HF

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-11-28 10:03:05 UTC
From: m1dns.gb3hb@...
Topic: 11738 Message: 11851

Jim, I think my original reply got lost someplace. Here's another attempt.
Your over thinking this, my suggestion would be two local modules running on a single PC.

One ircddbgateway
One B or C module UHF /VHF
One D module HF

Connect module D to module B/C
Whatever's rereceived by the HF rig will forward to the u/vhf module, so encoded by our U/vhf radio.
Whatever is transmitted by the u/vhf radio will be tx'd by the HF module over HF to other HF dstar users.

We don't need to purchase any special routers, ourset up advanced network solutions. we also don't need other AMBE devices, were using the decoder in the u/vhf rig.

If we want to connect HF dstar access to REF1c we connect module B/C to the reflector. * but I'm not advocating we do, hence my original tongue in cheek reply **

It does work, and works well....I have gotten around to doing this with my id880 and my ft847. The one issue is having to reconfigure TX RX invert settings for different HF bands. It would be simple to set up separate configurations for dstarrepeater 10m 20m 40m 80m etc and call by a desktop shortcut.

A.

---In gmsk_dv_node@yahoogroups.com, <jim@...> wrote :

RE: [gmsk_dv_node] Re: FT-450 Dstar on HF Your 2-radio/2-Hotspot approach is do-able if you have a router that supports loop-back. The key idea is setting up two separate Hotspots, which are basically simplex repeaters connected to the internet.

The Hotspot working with the HF radio needs to be configured to accept incoming connections, and that is not difficult. Then instead of linking to an external reflector or repeater, you link the VHF/UHF Hotspot to the HF Hotspot in the same room. It is likely you have one internet connection and one router, hence, one IP address.
The trick is the Hotspot working with the VHF/UHF radio will be running software trying to connect out to an external IP address, say the IP for REF001C. In this exercise, it will try to connect to your own IP address.
Most consumer-grade routers don’t support that kind of loop-back to your own IP address. There are two solutions – get a router that supports that, or get your ISP to give you more than one static IP address and get a 2nd router. I actually did the 2nd approach and tested out what you are talking about. It worked. But to be honest, the better way would have been to get a better router supporting loop-back.
Better still, in terms of simplicity, is just to have both a modem and an AMBE device connected to the same PC and running an appropriate program. In this case, you use the PC’s speakers and mike, or a speaker/mike plugged into the AMBE device.

You have 4 choices for the AMBE device: the original DV Dongle (blue), the new DV3K, the NW Digital ThumbDV and the Matrix Circuits Star*DV. All but the first use the new AMBE 3000 chip. The Star*DV has a built-in codec and speaker/mike connectors.
Software will vary depending on which AMBE device, ranging from G4KLX's Client program (e.g. GMSKClient) to SDV, the Open Source program by the designer of the Star*DV.
One thing to look out for – most radios have different Invert requirements for each band. If you plan to change bands often when doing HF D-Star, think about if your modem requires you to load a config program to change the Invert settings. For example, say you are using GMSKClient with a GMSK Modem and want to change HF bands. You would exit GMSKClient, load the Config program, change RX and/or TX Invert to the new band's needs, exit config, restart GMSKClient.
If you will change bands often, the SDV program for the Star*DV dongle can store the Invert settings by band and can instantly change the GMSK Modem's Invert settings as you change bands. This makes things a bit easier.
Jim – K6JM
From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, October 24, 2015 2:55 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: FT-450 Dstar on HF

Hi marcus.

No not quiet but almost....

We all know how a simplex node works... Dstar radio talks to analogue radio. Dstar generated via ICOM rig, captured AMBE via analogue rig then streamed over the network. Network traffic passed to analogue rig sent as AMBE gmsk tones demodulated via dstar radio..

As well as the above, now create a "HF simplex node" using (as in my case) ft847 wired to dvrptr board (as in the analogue radio example above) and connected to dstarrepeater.. As module a.

When I connect module b (UHF) to module a (HF) any AMBE captured on the HF radio would be networked back to me on module b and converted by the uhf dstar radio.

This would obvs. be set up as a personal node, using a personal call..on you own local home network..... Don't go connecting your HF radio to 001c. !!!!

A.

11852. RE: [gmsk_dv_node] Re: FT-450 Dstar on HF

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-12-01 18:26:58 UTC
From: jim@...
Topic: 11738 Message: 11852

Your approach to doing HF D-Star by setting up two G4KLX simplex "Repeaters", one of them using an HF radio and linking the two together is a nice way to leverage Hotspot technology..
My testing was done years ago, before the G4KLX software, and I did get it to work. I had to set up 2 separate Hotspots in my shack, both running either DVAR or WinDV, can't remember. To link the two, the linking Hotspot program tried to open a session with what it thought was an external IP -- except it was the same IP since it both were connected to the same router. So a loopback router was the only way to do that using the software I was using.

In your case, as you point out, you have a single G4KLX gateway managing 2 simplex repeaters, so ircDDBGateway realizes what you are trying to do and makes that link. No special router needed.

I guess it is a question of personal preference regarding simplicity. I find having two Hotspots and two radios and two modems to be more complex with more points of failure than one HF radio and one modem connected to a PC with an AMBE dongle. One way to simplify a bit would be to use a DVAP or DVMega radio shield for the first repeater and eliminate the analog radio.

And I see you have discovered that when you change HF bands, the radio may well require changing the RX and/or TX Invert setting on the modem, and that impacts operations unless you plan to use just one HF band.

That's what's nice about the SDV application – it lets you store the Invert settings by band and makes changing bands fairly painless. In fact, though SDV was introduced to work with the Star*DV AMBE 3000 dongle, it also works with GMSK Modems running DUTCH*Star firmware, so it can be used instead of DStarRepeater with the radio connected to the HF radio.

But experimentation is what Ham Radio is all about, and it sounds like a fun project. Thanks for sharing info about your approach to HF D-Star with us.

Jim – K6JM

11853. Kenwood TKR-750/850 DV Node Adapter to Icom ID-RP2C

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-12-01 21:41:23 UTC
From: Ian Venable
Topic: 11853 Message: 11853

I have been searching the internet for a readily available DV Node Adapter to connect the Kenwood TKR-750/850 to the Icom ID-RP2C D*Star Controller with no such luck. It seems that everything on the forums and web about this is several years old, and everyone has gone to using a node adapter and a Raspberry Pi running ircddb, which is an awesome way to go but we are looking to keep the Icom stack, just change out the B module, and possibly add a 1.2 module utilizing a DV Node Adapter. Can anyone point me in the right direction?
Thank you and 73'sIanK6IAN

11854. RE: [gmsk_dv_node] Kenwood TKR-750/850 DV Node Adapter to Icom ID-RP2C

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-12-01 23:12:37 UTC
From: J. M. Moen
Topic: 11853 Message: 11854

The homebrew approach, as you have found, is normally to replace the repeater controller with a pc of some kind running appropriate software and connected to a modem of some sort that controls the analog repeater(s).

Many people in your situation, however, running an ICOM stack, have replaced the ICOM gateway software with the G4KLX ircDDBGateway software. They leave the RP2C controller and ICOM repeater modules in place, but run the G4KLX gateway instead of ICOM’s.

The standard ircDDBGateway version supports up to 4 repeaters, and each one can be configured to be either homebrew or ICOM. So the other ICOM modules would operate normally but would be connected to the G4KLX gateway software, and the Kenwood repeater with GMSK modem and PC running DStarRepeater would also be managed by ircDDBGateway.

ircDDBGateway has all but one of the ICOM gateway’s features, plus more. It supports linking not only to DPlus REF reflectors, but DExtra XRF reflectors and DCS reflectors. It supports traditional callsign routing and can make use of the ircDDB improvements there. It also supports CCS7, an improved callsign routing that does not require the called Ham to capture your callsign.

What you miss is that your repeater is no longer a DPlus Gateway and does not show up on the normal DPlus lists. This should not matter, since most repeaters have a default reflector and encourage users to connect to that.

Adrian, VK4TUX, has also learned to configure ircDDBGateway to run alongside the ICOM gateway. He helped our local club to do that, so our ICOM repeater/gateway runs both gateways in an integrated way.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, December 01, 2015 1:41 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Kenwood TKR-750/850 DV Node Adapter to Icom ID-RP2C

I have been searching the internet for a readily available DV Node Adapter to connect the Kenwood TKR-750/850 to the Icom ID-RP2C D*Star Controller with no such luck. It seems that everything on the forums and web about this is several years old, and everyone has gone to using a node adapter and a Raspberry Pi running ircddb, which is an awesome way to go but we are looking to keep the Icom stack, just change out the B module, and possibly add a 1.2 module utilizing a DV Node Adapter. Can anyone point me in the right direction?

Thank you and 73's

Ian

K6IAN

Posted by: Ian Venable <k6ian@...>

11855. RE: [gmsk_dv_node] Kenwood TKR-750/850 DV Node Adapter to Icom ID-RP2C

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-12-04 18:17:49 UTC
From: k6ian@...
Topic: 11853 Message: 11855

I am looking to accomplish what was set out in Michael VK5REX's manual http://vk5rex.squarespace.com/downloads/id-rp2c-dv-node-adapter-interface/ID-RP2C%20Interface%20v1.1.pdf http://vk5rex.squarespace.com/downloads/id-rp2c-dv-node-adapter-interface/ID-RP2C%20Interface%20v1.1.pdf I am looking to order the DUTCH*Star CMX589 Node Adapter DUTCH*Star Node Adapter http://www.dutch-star.eu/products/node/

http://www.dutch-star.eu/products/node/

DUTCH*Star Node Adapter http://www.dutch-star.eu/products/node/

View on www.dutch-star.eu http://www.dutch-star.eu/products/node/
Preview by Yahoo

I am just not sure if I set it in standalone mode or Hotspot mode, and to which PIC do I make the connections too, the Main PIC or the Optional PIC?

Any thoughts?

11856. GMSK StarBoard for sale

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-12-06 03:57:27 UTC
From: w4wwm@...
Topic: 11856 Message: 11856

If anybody is interested I have a Star*Board for sale use once and placed in backup status. Have too many modems and need to find a good home for this one. May be a good GMSK modem for a ham in need of one.

If your are interested my contact information can be obtain from QRZ.

First come first sale to. 73

Will / W4WWM

11857. Arduino, GMSK and FT-897

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-12-06 17:01:56 UTC
From: masek@...
Topic: 11857 Message: 11857

Hello GMSK-User,
I want to run a FT-897 with arduino and gmsk-shield under windows.
I can't get it work.
Maybe someone of you have the same and can help me?

Vy 73 de Werner, DL1EB

11858. RE: [gmsk_dv_node] Arduino, GMSK and FT-897

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-12-08 03:19:17 UTC
From: J. M. Moen
Topic: 11857 Message: 11858

Arduino Uno, or another? Which GMSK-shield? Papa System? DVMega?

When you say you cannot get it to work, can you give more details?

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Sunday, December 06, 2015 9:02 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Arduino, GMSK and FT-897
Hello GMSK-User,
I want to run a FT-897 with arduino and gmsk-shield under windows.
I can't get it work.
Maybe someone of you have the same and can help me?
Vy 73 de Werner, DL1EB

11859. Re: [gmsk_dv_node] Arduino, GMSK and FT-897

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-12-08 08:06:21 UTC
From: Heinz-Werner Masek
Topic: 11857 Message: 11859

Hello,
I try to answer, although my english is not good.
I have an arduino uno with dvmega gmsk modem.
I installed the software on the arduino, then dvrepeater and ircddbgateway on my computer.
I configured the software and tried to transmit, but nothing happend. There is a jumper on the modem, do I have to remove it?

73 Werner, DL1EB

> Am 08.12.2015 um 04:19 schrieb 'J. M. Moen' jim@... [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com>:
>
> Arduino Uno, or another? Which GMSK-shield? Papa System? DVMega?
>
>
> When you say you cannot get it to work, can you give more details?
>
> Jim – K6JM
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
> Sent: Sunday, December 06, 2015 9:02 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Arduino, GMSK and FT-897
>
> Hello GMSK-User,
>
> I want to run a FT-897 with arduino and gmsk-shield under windows.
>
> I can't get it work.
>
> Maybe someone of you have the same and can help me?
>
> Vy 73 de Werner, DL1EB
>
>

11860. Re: [gmsk_dv_node] Arduino, GMSK and FT-897

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-12-08 08:41:57 UTC
From: Guus Van Dooren
Topic: 11857 Message: 11860

Hello Werner,
The Jumper has to be romoved when you instaal the firmware on the Arduino. Install the jumper for normal use.
Please advice manual on next page DV MEGA
Guus

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| | | | | | | |
| DV MEGARaspberry PI based DV4 Control Panel Support for D-Star and DMR Comming soon |
| |
| View on www.dvmega.auria.nl | Preview by Yahoo |
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| |

On Tuesday, December 8, 2015 9:06 AM, "Heinz-Werner Masek masek@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

Hello,I try to answer, although my english is not good.I have an arduino uno with dvmega gmsk modem.I installed the software on the arduino, then dvrepeater and ircddbgateway on my computer. I configured the software and tried to transmit, but nothing happend. There is a jumper on the modem, do I have to remove it?
73 Werner, DL1EB
Am 08.12.2015 um 04:19 schrieb 'J. M. Moen' jim@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com>:

Arduino Uno, or another? Which GMSK-shield? Papa System? DVMega?When you say you cannot get it to work, can you give more details? Jim – K6JMFrom: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Sunday, December 06, 2015 9:02 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Arduino, GMSK and FT-897 Hello GMSK-User,I want to run a FT-897 with arduino and gmsk-shield under windows.I can't get it work.Maybe someone of you have the same and can help me?Vy 73 de Werner, DL1EB

11861. Re: [gmsk_dv_node] Arduino, GMSK and FT-897

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-12-09 15:35:57 UTC
From: masek@...
Topic: 11857 Message: 11861

Hello Jim,
I have this board:

When I start ircDDBgateway, I can see the following:
ircDDB: Disabled
Repeater 1: DL1EB C linked to DCS001 C
Log: Error returned from recfrom (port: 20010), err:10054

What is wrong?

73 Werner

11862. Re: [gmsk_dv_node] Arduino, GMSK and FT-897

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-12-09 16:34:05 UTC
From: Vince P
Topic: 11857 Message: 11862

Do you have all the correct ports open in the router to the IP address for the raspi.

Vince.

> On Dec 9, 2015, at 10:35 AM, masek@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
> Hello Jim,
> I have this board:
>
> When I start ircDDBgateway, I can see the following:
> ircDDB: Disabled
> Repeater 1: DL1EB C linked to DCS001 C
> Log: Error returned from recfrom (port: 20010), err:10054
>
> What is wrong?
>
> 73 Werner
>
>

11863. Re: [gmsk_dv_node] Arduino, GMSK and FT-897

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-12-09 17:13:53 UTC
From: Heinz-Werner Masek
Topic: 11857 Message: 11863

Hi Vince,
at the moment I don't use a raspberry, I use win 7. And yes, I opened the ports in the Router.

Werner

> Am 09.12.2015 um 17:34 schrieb Vince P ve3elb@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com>:
>
> Do you have all the correct ports open in the router to the IP address for the raspi.
>
> Vince.
>
>> On Dec 9, 2015, at 10:35 AM, masek@meocom-online.de [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>>
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>> Hello Jim,
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>> Log: Error returned from recfrom (port: 20010), err:10054
>>
>> What is wrong?
>>
>> 73 Werner
>>
>
>

11864. Re: [gmsk_dv_node] Arduino, GMSK and FT-897

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-12-10 09:22:54 UTC
From: m1dns.gb3hb@...
Topic: 11857 Message: 11864

Are you running dstarrepeater alongside ircddbgateway ? The error is showing there is no data from port 20010 which is the first default module of dstarrepeater. If you are running it, is it configured correctly ?

A.

PS don't panic abt ircddb being disabled, all personal hotspots run that way. However if you run as a repeater, you might want to register for a connection.

---In gmsk_dv_node@yahoogroups.com, <masek@...> wrote :

Hello Jim,
I have this board:

When I start ircDDBgateway, I can see the following:
ircDDB: Disabled
Repeater 1: DL1EB C linked to DCS001 C
Log: Error returned from recfrom (port: 20010), err:10054

What is wrong?

73 Werner

11865. Re: [gmsk_dv_node] Arduino, GMSK and FT-897

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-12-11 09:43:11 UTC
From: m1dns.gb3hb@...
Topic: 11857 Message: 11865

Reading my own post back it didn't read right...

Port 20010 is an internal port where ircddbgateway listens for incoming traffic from dstarrepeater, all 4 modules send their data to ircddbgateway on this port. As its an internal port opening it on a router is not required, and prob. won't make any difference, unless your running over multiple machines or networks etc.

So my original thoughts are either dstarrepeater is not running, or ircddbgateway is not seeing traffic from dstarrepeater or dstarepeater is not receiving anything from the aurdino. ??

Does the GUI in dstarrepeater show valid when you keyup your radio ?
If not check the modem tab is configured correctly in dstarrepeater.
If it does, check the network tabs in both config programs for any errors there.

A.

11866. RE: [gmsk_dv_node] Arduino, GMSK and FT-897

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-12-12 05:20:50 UTC
From: J. M. Moen
Topic: 11857 Message: 11866

Werner,

Short answer – check DStarRepeater's Modem setting for DVMEGA and make sure the COM port setting is correct. Also check the other config settings.

Long answer -- I looked for error code 10054 on the pcrepeatercontroller group and noticed this post:

I assume that you run Windows, you did not tell it.
The Windows error message 10054 is a socket error which says "Connection reset by peer".
It usually appears if the connection was broken for some reason but the other side still tries to use it.
You will find more information on Google using "socket error 10054", also in German language.

73 de Hans DL5DI

I am guessing one of two things is going on. Either there is a G4KLX program configuration problem in DStarRepeater – OR DStarRepeater is unable to talk successfully to the DVMEGA. Possibly DStarRepeater stopped responding but ircDDBGateway kept trying to talk to it on port 20010 and got the 10054 error over and over.

Did you load the Arduino firmware using Xloader successfully?

Also, review G4KLX configuration, especially of DStarRepeater. On the Modem tab, where you have selected DVMEGA, check the COM port and using Device Manager, make sure the Arduino is still using that COM port. Sometimes Windows will assign a different port the next time plug in the DVMega.

(You might also review port settings on both DStarRepeaterConfig and ircDDBGatewayConfig. My website has the key settings from both programs at http://www.k6jm.com/ConfigG4KLX-DSR.pdf -- just ignore the DStarRepeater Modem tab setting in my screenshots and instead be sure it is set to DVMEGA.)

Also be sure to check the log files from both programs carefully. On Windows, if your userid is abcd, then the logs will be found at c:/Users/abcd.

This gmsk_dv_modem group tries to answer all GMSK Modem questions, and many of us use G4KLX Hotspot software, but we are not deep experts in the G4KLX programs. If we are unable to help you find the solution, you might ask on the pcrepeatercontroller group (DStarRepeater) or ircDDBGateway group.

But we will keep trying here.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, December 09, 2015 7:36 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Arduino, GMSK and FT-897

Hello Jim,
I have this board:

When I start ircDDBgateway, I can see the following:
ircDDB: Disabled
Repeater 1: DL1EB C linked to DCS001 C
Log: Error returned from recfrom (port: 20010), err:10054

What is wrong?

73 Werner

11867. RE: [gmsk_dv_node] Western Star Image "Control" tabs - how to use

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-12-16 07:05:01 UTC
From: ko6n@...
Topic: 11717 Message: 11867

Jim,

Do you have an update on this post?

I tried your instructions and could not get it to work.

I am trying to to shut down the hotspot/repeater remotely.

Thanks,
Gabe
KO6N

11868. Re: [gmsk_dv_node] Western Star Image "Control" tabs - how to use

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-12-16 07:33:02 UTC
From: Kelly Keeton
Topic: 11717 Message: 11868

Couldn't you just stop the service?

Sent from a mobile device.

> On Dec 15, 2015, at 11:05 PM, ko6n@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
> Jim,
>
> Do you have an update on this post?
>
> I tried your instructions and could not get it to work.
>
> I am trying to to shut down the hotspot/repeater remotely.
>
>
> Thanks,
> Gabe
> KO6N
>

11869. RE: [gmsk_dv_node] Western Star Image "Control" tabs - how to use

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-12-17 21:59:45 UTC
From: J. M. Moen
Topic: 11717 Message: 11869

Brian GW6WTK (publisher of the westerndstar Pi images) created a short pdf file showing how to set this up – log onto the pcrepeatercontroller Yahoo Group website, go to Files and find “Control setup for G4KLX node.pdf”.

An important note: people often use unusual values for RPT1 and RPT2 to make it harder for Ham neighbors to figure out the RF commands to shutdown or reboot their Hotspots. But using RPT1 and RPT2 for this will only work if your D-Star radio is in DUP mode.

That is simple if in fact you have set up one frequency for TX and another for RX. DUP must be turned on to make that happen. But if you prefer your Hotspot radio to operate in simplex mode, both TX and RX on the same frequency, then with DUP off, your ICOM D-Star radio will ignore what you have programmed into RPT1 and RPT2 and instead transmit DIRECT for both of these.

A time-honored trick to get around this “feature” is to turn on your radio’s DUP (+ or -) but use an Offset frequency of zero. The radio will be in DUP mode and will actually transmit your RPT1 and RPT2 values, though TX and RX frequencies will be the same.

In Simplex without the above trick, you would probably configure the Control1 tab’s RPT1 and RPT2 values to both be DIRECT.

Send me a direct email if you want to discuss further. And again, it would be a good idea to find out what is causing the original problem and fix that if possible. You could log onto the Pi when there are problems and find out what is running, and you could also check the G4KLX log files (might have to configure once to turn on logging).

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, December 15, 2015 11:05 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Western Star Image "Control" tabs - how to use

Jim,

Do you have an update on this post?

I tried your instructions and could not get it to work.

I am trying to to shut down the hotspot/repeater remotely.

Thanks,
Gabe
KO6N

11870. Using the Star*DV dongle with WinDV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2015-12-26 04:30:10 UTC
From: J. M. Moen
Topic: 11870 Message: 11870

Those of you who have a Star*DV (AMBE 3000 dongle), or who may be thinking about getting one, may not be aware that WinDV provides basic support for this device.

Remember that like the Internet Labs' DV3K dongle and NW Digital Radio's ThumbDV, the Matrix Circuits Star*DV employs the latest AMBE 3000 chip. WinDV's most recent version has explicit support for the newest ThumbDV, and it turns out that same code also supports the Star*DV.
If you are a fan of WinDV and plan to use the speakers and mike on your PC, then you can use your Star*DV with it. First Install drivers for Windows
* Click here to download the Star*DV drivers <http://www.moencomm.com/downloads/CDM_StarDV.zip> (Note: if your browser blocks .zip downloads, while saving the file, replace .zip with .dat - after download, rename the file back to CDM_StarDV.zip. Then unzip the file and remember where the folder is located.
* If your PC is running 64-bit Windows 8.1, you will need to disable driver signing. Click here for how to do that <http://www.howtogeek.com/167723/how-to-disable-driver-signature-verification-on-64-bit-windows-8.1-so-that-you-can-install-unsigned-drivers/> . Note: You should also come back and do this step if, in the following step, your 32-bit Windows 8.1 gives you an error about "The hash for the file is not present in the specified catalog file."
* Plug in your Star*DV to your PC. Don't let Windows automatically try to install a driver. Instead, tell it you have the drivers and navigate to where the CDM_StarDV folder is located.
Make sure you have the latest version of WinDV (v1.5.8-3) by logging onto http://www.dutch-star.eu/my/login.aspx and going to Software/WinDV.

Then start WinDV and go to Tools > Options. Under RF Device, select ThumbDV Dongle, select the correct COM port and make sure the speed setting is 460800. Fill in Callsign and the optional 4-character message. Click Configure to choose the Input and Output (mike and speakers). Be sure to Save when done.

That's all there is to it.

Jim – K6JM

Note: WinDV does not yet have support for the Star*DV's codec, so this approach means you will be using the PC's input and output devices. The SDV application does have full support, and can also work with a GMSK Modem, but I'm posting this for people who really like WinDV and have a Star*DV AMBE 3000 dongle.

11872. Re: Using the Star*DV dongle with WinDV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-01-02 23:14:31 UTC
From: w7nhy@...
Topic: 11870 Message: 11872

I purchased A Star*DV with the speaker-mic months ago. So far I have only been able to get it to work with WinDV ~ No speaker mic.
I have also purchased a NW Digital Radio Thumb DV, Which works great.
And over Christmas I put together a DV4Mini Raspberry Pi Hotspot; which works great, I'm listening to it right now over my Icom ID51.

I would love to get the Star*DV kit working the way it was intended when I purchased it. When I after I start the ircddb gateway,then start the SDV program I get a popup error that says "FAILED TO BIND TO LOCAL SERVER PORT" then another error that says "No Star*DV board found. Does any one know how to fix this?

73's
W7NHY

11873. Dstar in Japan

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-01-03 15:57:22 UTC
From: Jeremy J Barbouttis
Topic: 11873 Message: 11873

I think I know what the answer to this question is going to be, but given Jim, and others on this list, are so knowledgeable I thought I would ask it anyway, just in case I overlooked something.

I go to Japan regularly and use Dstar here whenever I can. The local amateurs primary use the original callsign routing system and it gets lots of use very successfully.

It is quite surprising how much traffic comes through the repeaters.

I had to register on DStar again especially to use it from within Japan.

However, I live in Australia, and only the Repeaters using the original Icom Software registered through the US trust can call to Japan and vice-a-versa.

Now my question… is there any way a hotspot can call to a Japanese Dstar Repeater?

I know some are using version 2 (about 5 only.) However, these are not the ones I want to be able to use.

I have relatives in Hokkaido and they all use the original system.

Hope this hasn't wasted anyone's time, but I am very interested in a solution here… just hoping there is a slither of a chance of one.

73s

Jeremy
VK2MJM/JM8DCQ

11874. Re: [gmsk_dv_node] Dstar in Japan

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-01-03 20:46:35 UTC
From: g0tjh@yahoo.co.uk
Topic: 11873 Message: 11874
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Jeremy

I had a chat with a JA station some time ago and I asked the same question . His answer was it was not allowed under the "novice license " rules and as a repeater can be used
By a novice they cannot connect outside Japan . But a non novice grade can use a DV dongle to connect out . But you will find it almost impossible to connect direct to a JA .
That is what I under stood from his broken English ,so it may not be exactly as I have said . But as I have only ever heard one JA on D-star I think it is correct .

Ian G0TJH

-------Original Message-------

From: Jeremy J Barbouttis vk2mjm@... [gmsk_dv_node]
Date: 01/03/16 15:57:29
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Dstar in Japan

I think I know what the answer to this question is going to be, but given Jim, and others on this list, are so knowledgeable I thought I would ask it anyway, just in case I overlooked something.

I go to Japan regularly and use Dstar here whenever I can. The local amateurs primary use the original callsign routing system and it gets lots of use very successfully.

It is quite surprising how much traffic comes through the repeaters.

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Hope this hasn’t wasted anyone’s time, but I am very interested in a solution here… just hoping there is a slither of a chance of one.

73s

Jeremy
VK2MJM/JM8DCQ

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11875. RE: [gmsk_dv_node] Using the Star*DV dongle with WinDV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-01-03 20:47:01 UTC
From: J. M. Moen
Topic: 11870 Message: 11875

Robert,

I looked through my inbox. We've traded several emails, but I can't find one about this problem. If I misplaced it, I'm sorry. I'll work with you via direct email.

Jim – K6JM

PS -- For others "reading the mail" on this group, I'll make a few comments.

First, the support in WinDV for the Star*DV is only for the AMBE 3000 (and you even have to tell WinDV you have a ThumbDV running at 460800 baud). WinDV does not yet support the Star*DV's codec and speaker/mike connectors.

However, there are two versions of the Open Source program SDV (written by Rick, KD0OSS, the designer of the Star*DV), and both support the speaker/mike. Both versions work with the G4KLX program ircDDBGateway.

One version of SDV has a very nice graphical interface. We have a Windows installer version, but you can also compile the source yourself for other platforms, for example Linux on Intel architecture PCs.

The other SDV version is designed to run on a Raspberry Pi. It can run headless and requires an appropriate LCD plate with control buttons, such as the ones from Adafruit or the Chinese one on the MoenComm site.

The Pi version installation process is outlined at http://www.k6jm.com/hs-setuppistardv.htm -- that page shows how to install when using the westerndstar image, but it will also work with other Debian-based images. If you prefer Red Hat-based Linux, you can compile the source to that platform also. The Pi version requires several simple changes to config files on the Pi, particularly adding 2 lines to /etc/modules about i2c. I have had some customers skip over that.

The above page shows how to configure the westerndstar installation so that ircDDBGateway is launched at boot time, as well as SDV, but DStarRepeater is not. SDV takes on the function of DStarRepeater in this case.

I am always looking for ways to improve my "How To" web pages, so if anyone has suggestions, please send them to me. – Jim K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, January 02, 2016 3:15 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Using the Star*DV dongle with WinDV
I purchased A Star*DV with the speaker-mic months ago.
So far I have only been able to get it to work with WinDV ~ No speaker mic.
I have also purchased a NW Digital Radio Thumb DV, Which works great.
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73's
W7NHY_._,_.___

Posted by: w7nhy@...
'___

11876. RE: [gmsk_dv_node] Using the Star*DV dongle with WinDV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-01-04 02:01:22 UTC
From: W7NHY
Topic: 11870 Message: 11876
Attachments: 1 described; binary payloads are missing from this source WARC

Thanks Jim,

I should clarify that I am only trying to get the Star*DV working on my laptop for now.

I am running Windows 7 Professional, 64bit, Service Pack 1.

Since I am running 64 bit I have already disabled enforced driver signing and forced the driver install with the downloaded drivers from your setup page.

I have uninstalled/reinstalled the SDV program multiple times and rebooted before reinstalling SDV from your install page download link.

No problems with the .msi file extension at download.

I am definitely not running any instances of DSTAR repeater.

Except for my callsign, the configuration of ircDDB Gateway is an exact match to your screenshots.

When I open ircDDB Gateway, I click on “View” and checkmark “GUI updates”.

This seems to load and at the bottom of the Log I get”

E: 2016-01-04 01:37:50 Error returned from recvfrom (port: 20010), err:= 10054

E: 2016-01-04 01:38:06 Cannot connect to the TCP client socket, err=10060

In my router I have enabled port forwarding for port 20010 for both TCP and UDP.

I have attached a copy of the Log file.

Many thanks,

Rob Sant

W7NHY

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Sunday, January 03, 2016 12:47 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Using the Star*DV dongle with WinDV

Robert,

I looked through my inbox. We’ve traded several emails, but I can’t find one about this problem. If I misplaced it, I’m sorry. I’ll work with you via direct email.

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PS -- For others “reading the mail” on this group, I’ll make a few comments.

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Sent: Saturday, January 02, 2016 3:15 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Using the Star*DV dongle with WinDV

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73's

W7NHY_._,_.___

Posted by: w7nhy@comcast.net

,___

11877. RE: [gmsk_dv_node] Dstar in Japan

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-01-04 10:23:09 UTC
From: J. M. Moen
Topic: 11873 Message: 11877

Jeremy,

Obviously you know you could use a PC and a DV Dongle/DV3K/ThumbDV/Star*DV to connect from anywhere with internet to Australia, but you clearly want to use RF to go through a Japanese D-Star repeater to connect to other places worldwide. And I know you are looking for a general answer, but I just don't have it.

I have read http://www.ji1bqw.com/how_to_call_japan_on_d-star_e.html , but that was written over 6 years ago and I have no idea if it is still valid.
http://www.d-star.jp/D-STARjapan.pdf does not help with your question either.

Recently, I exchanged emails with Shu JA3CQJ, who was preparing to help Mark AF6IM in Northern California to have D-Star QSOs with hams in Japan during one of Mark's sky-dives. They had hoped to talk to Mark during his 10 minutes sky-dive by callsing routing from JR3VH to our W6CX 2 meter repeater (of which I am Gateway Admin). For a reason we have not yet discovered, Shu was unable to link to W6CX using ICOM callsign routing, but he was able to link to another repeater/gateway in Northern California, WW6BAY. Shu wrote:

"I could access WW6BAY with ID-5100 which is programmed UR /WW6BAYB", R1 JR3VH**A, R2 JR3VH**G, MY JA3GQJ." Check out http://www.southgatearc.org/news/2015/november/dstar_parachute_mobile_qsos.htm#.VopB1LbR-Hs .

It is possible JR3VH is one of those gateways running ICOM G2 Gateway instead of G1. I did not ask Shu. It is located at Chuo-ku, Osaka-shi. It seems likely if you were within RF range of this repeater, you could callsign route to G2 Gateways outside Japan.

I'm sorry I don't have any hard info on your question.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Sunday, January 03, 2016 7:57 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Dstar in Japan
I think I know what the answer to this question is going to be, but given Jim, and others on this list, are so knowledgeable I thought I would ask it anyway, just in case I overlooked something.

I go to Japan regularly and use Dstar here whenever I can. The local amateurs primary use the original callsign routing system and it gets lots of use very successfully.

It is quite surprising how much traffic comes through the repeaters.

I had to register on DStar again especially to use it from within Japan.

However, I live in Australia, and only the Repeaters using the original Icom Software registered through the US trust can call to Japan and vice-a-versa.

Now my question… is there any way a hotspot can call to a Japanese Dstar Repeater?

I know some are using version 2 (about 5 only.) However, these are not the ones I want to be able to use.

I have relatives in Hokkaido and they all use the original system.

Hope this hasn't wasted anyone's time, but I am very interested in a solution here… just hoping there is a slither of a chance of one.

73s

Jeremy
VK2MJM/JM8DCQ

Posted by: Jeremy J Barbouttis <vk2mjm@...>

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11878. Re: [gmsk_dv_node] Dstar in Japan

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-01-04 12:03:24 UTC
From: Jeremy J Barbouttis
Topic: 11873 Message: 11878

Hi Jim,

Thank you for your reply.

Yes, the first article probably still applies, but of course only for those repeaters set up with Icom V.1/2 Software.

My local repeater uses FreeStar software and ircDDB, so you cannot call 95% of Japanese repeaters.

Of the other two repeaters in Sydney, one is often not online, as it gets disconnected regularly to free-up broadband for Netflix, etc.

The other is quite reliably looked after, but not quite as good in range. I guess the thing I like about having a hotspot with substantial RF, as can be provided with the StarBoard, is you have range and control.

The dongle style devices restrict use to home and perhaps up to the end of the street only.

I have thought about setting up a StarBoard here in Japan, but I am worried about trying to get the port forwarding right, as I don’t really know how to access the settings on my father-in-law’s Japanese brand of modem.

But none of these solutions give access to the Japanese network. I guess this highlights a slight fracture in the DSTAR system(s).

The other issue is my in-laws are out of handy talkie reach to the local DSTAR repeater in Chitose anyway.

Nevertheless, I am sure I will work something out somewhere.

Thank you for taking the time to reply with whatever information you had at hand. It all helps in the thinking things through department.

73s

Jeremy
VK2MJM/JM8DCQ

> On 4 Jan 2016, at 9:23 pm, 'J. M. Moen' jim@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
>
> Jeremy,
>
> Obviously you know you could use a PC and a DV Dongle/DV3K/ThumbDV/Star*DV to connect from anywhere with internet to Australia, but you clearly want to use RF to go through a Japanese D-Star repeater to connect to other places worldwide. And I know you are looking

for a general answer, but I just don’t have it.
>
> I have read http://www.ji1bqw.com/how_to_call_japan_on_d-star_e.html <http://www.ji1bqw.com/how_to_call_japan_on_d-star_e.html> , but that was written over 6 years ago and I have no idea if it is still valid. http://www.d-star.jp/D-STARjapan.pdf <http://www.d-star.jp/D-STARjapan.pdf> does not help with your question either.
>
> Recently, I exchanged emails with Shu JA3CQJ, who was preparing to help Mark AF6IM in Northern California to have D-Star QSOs with hams in Japan during one of Mark’s sky-dives. They had hoped to talk to Mark during his 10 minutes sky-dive by callsing routing from JR3VH to our W6CX 2 meter repeater (of which I am Gateway Admin). For a reason we have not yet discovered, Shu was unable to link to W6CX using ICOM callsign routing, but he was able to link to another repeater/gateway in Northern California, WW6BAY. Shu wrote:
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> “I could access WW6BAY with ID-5100 which is programmed UR /WW6BAYB”, R1 JR3VH**A, R2 JR3VH**G, MY JA3GQJ.” Check outhttp://www.southgatearc.org/news/2015/november/dstar_parachute_mobile_qsos.htm#.VopB1LbR-Hs <http://www.southgatearc.org/news/2015/november/dstar_parachute_mobile_qsos.htm#.VopB1LbR-Hs> .
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> It is possible JR3VH is one of those gateways running ICOM G2 Gateway instead of G1. I did not ask Shu. It is located at Chuo-ku, Osaka-shi. It seems likely if you were within RF range of this repeater, you could callsign route to G2 Gateways outside Japan.
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> I’m sorry I don’t have any hard info on your question.
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> Jim – K6JM
>
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>]
> Sent: Sunday, January 03, 2016 7:57 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Dstar in Japan
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> I think I know what the answer to this question is going to be, but given Jim, and others on this list, are so knowledgeable I thought I would ask it anyway, just in case I overlooked something.
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>
> 73s
>
> Jeremy
> VK2MJM/JM8DCQ
>
>
> Posted by: Jeremy J Barbouttis <vk2mjm@... <mailto:vk2mjm@...>>
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11879. RE: [gmsk_dv_node] Dstar in Japan

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-01-04 19:32:43 UTC
From: J. M. Moen
Topic: 11873 Message: 11879

Jeremy,

Yes, the port forwarding would be a problem for some XRF reflectors and for DCS reflectors. REF reflectors don't need port forwarding, and I think that Free*Star type XRF reflectors will respond to DPlus/REF connection requests and I would guess will work without port forwarding, but you would want to check with Ramesh on that.

As I said, I wish I could be of more help.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, January 04, 2016 4:03 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Dstar in Japan
Hi Jim,
Thank you for your reply.

Yes, the first article probably still applies, but of course only for those repeaters set up with Icom V.1/2 Software.

My local repeater uses FreeStar software and ircDDB, so you cannot call 95% of Japanese repeaters.

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Jeremy,
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I have read http://www.ji1bqw.com/how_to_call_japan_on_d-star_e.html , but that was written over 6 years ago and I have no idea if it is still valid.
http://www.d-star.jp/D-STARjapan.pdf does not help with your question either.
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I'm sorry I don't have any hard info on your question.
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Jeremy
VK2MJM/JM8DCQ

Posted by: Jeremy J Barbouttis <vk2mjm@icloud.com>

–’---

11880. Dutch*Star GMSK Modem TX Levels

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-01-12 14:16:03 UTC
From: carl@...
Topic: 11880 Message: 11880

I have experienced difficulty with setting the TX audio levels on the Dutch*Star GMSK modem. I have three of these boards purchased from Jim at Moencomm. Jim has done everything possible to remedy the issue, but the issue remains and I hope that someone may have found a solution.

The problem is that when I set the level for clean TX audio when I use a IC-208H or 207H I can get it to work with clean audio on my ID-51A Plus, NW Digital Radio ThumbDV with Buster software, and ID-5100 but neither of my two IC-7100 radios will decode the DV signal. The 7100 radios switch between DV and FM and will not lock on DV. I can re-adjust the modem board TX level to work with the 7100 radios but then it will not work with the ID-51A Plus!

I cannot seem to find a modem board setting that will work with all of my Icom radios at the same time.

Ideas?

73
Carl WA0CQG

11881. Re: [gmsk_dv_node] Dutch*Star GMSK Modem TX Levels

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-01-12 16:46:30 UTC
From: g0tjh@yahoo.co.uk
Topic: 11880 Message: 11881
Attachments: 2 described; binary payloads are missing from this source WARC

Yes I have heard of this . A mate has a 7100 that is very fussy on levels
It turns out the 7100 is (to the best of my knowledge) is the only radio
that the bandwidth is adjustable for DV mode .
What he did was set the modem up for his 51E the play with the bandwidth
settings in the 7100 till that works .

Ian G0TJH

-------Original Message-------

From: carl@esteys.net [gmsk_dv_node]
Date: 12/01/2016 14:16:06
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Dutch*Star GMSK Modem TX Levels

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Dutch*Star GMSK modem. I have three of these boards purchased from Jim at
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ID-51A Plus!

I cannot seem to find a modem board setting that will work with all of my
Icom radios at the same time.

Ideas?

73
Carl WA0CQG

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

11882. Re: [gmsk_dv_node] Dutch*Star GMSK Modem TX Levels

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-01-13 05:13:25 UTC
From: Estey Carl
Topic: 11880 Message: 11882

Ian and all -

Thanks for the suggestion. I tried changing the preset filters while in DV mode and when I used the factory preset FIL3 which is 7 kHz BW.and the audio works perfectly.

Thanks for the suggestion.

73
Carl WA0CQG

> On Jan 12, 2016, at 10:46 AM, 'g0tjh@...' g0tjh@yahoo.co.uk [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
>
> Yes I have heard of this . A mate has a 7100 that is very fussy on levels .It turns out the 7100 is (to the best of my knowledge) is the only radio that the bandwidth is adjustable for DV mode .
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>
> Ian G0TJH
>
>
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>
> -------Original Message-------
>
> From: carl@... [gmsk_dv_node] <mailto:gmsk_dv_node@yahoogroups.com>
> Date: 12/01/2016 14:16:06
> To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>
> Subject: [gmsk_dv_node] Dutch*Star GMSK Modem TX Levels
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> 73
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> Carl WA0CQG
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> <butterfly_top.gif> <http://www.incredimail.com/?id=621162&did=10501&ppd=2839,201207021127,10,1,92267633311151400&rui=159611431&app_test_id=0&sd=20160112>
> Animaciones GRATIS para tu correo <http://www.incredimail.com/?id=621162&did=10501&ppd=2839,201207021127,10,1,92267633311151400&rui=159611431&app_test_id=0&sd=20160112>
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> ¡Haz clic aquí! <http://www.incredimail.com/?id=621162&did=10501&ppd=2839,201207021127,10,1,92267633311151400&rui=159611431&app_test_id=0&sd=20160112> <http://www.incredimail.com/?id=621162&did=10501&ppd=2839,201207021127,10,1,92267633311151400&rui=159611431&app_test_id=0&sd=20160112> <http://www.incredimail.com/?id=621162&did=10501&ppd=2839,201207021127,10,1,92267633311151400&rui=159611431&app_test_id=0&sd=20160112>
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>
> <https://www.avast.com/antivirus>
> This email has been checked for viruses by Avast antivirus software.
> www.avast.com <https://www.avast.com/antivirus>
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11883. GMSK possible with DRA818U module?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-01-16 16:55:36 UTC
From: msanchez@...
Topic: 11883 Message: 11883

Hi all!

I came across a Little RX/TX module (the DRA818) and I came with the idea of building a Dstar hotspot with it, a bit more powerful than a DVAP. The first think to take in mind… it must be GMSK capable. From the datasheet of this device, I´ve learnt that PRE/DE-emphasis can be turned off, as can be done with the filters, both Highpass and Lowpass filters (here is the good thing) but a bit below in de datasheet, it also states that any frequency below 300Hz is automatically filtered. (happiness doesn´t last long, here the bad point).
So here comes my question to those of you that have the knowledge to answer it. Does Dstar modulation need this part of the spectrum to work properly?
I´ve tried to find an answer on my own, but I haven´t found info clear enough to understand it with my poor knowledge on this stuf.

Thank you very much in advance.
Looking forward to read your answers/oppinions.

My best regarsd.

Miguel (EA1EZ)

11884. Motorola UHF Dstar Repeater For Sale

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-01-16 21:07:09 UTC
From: rlnou812@...
Topic: 11884 Message: 11884

I have a spare / backup repeater that I have never needed to use so it needs a good home. I built two of these a few years ago. But the present repeater has been running for almost 3 years without fail.

It is a Motorola 40 watt UHF R1225 repeater module with control panel and duplexer. The duplexer was sold by Motorola and is not one of the cheap imported clones.

Everything is housed in a metal frame for a nice compact repeater package. It also has the 16 pin cable wired to a DB9 for connection to a Moen Communication Star Board. You will need to provide your own power supply but I will include the Motorola power cable.

The repeater can be programmed for either 25 or 12.5 KHz. I have found running it programmed to 12.5 KHz improves the receiver for digital operation. Flat transmit audio and discriminator audio have been programmed into the repeater. I can reprogram the repeater and retune the duplexer to your frequency.Currently it is tuned to 443.375 and the output power has been turned down to 25 watts.

Asking $ 349.00 including UPS Ground in the CONUS

Randy, WB0VHB

11885. Re: Motorola UHF Dstar Repeater For Sale

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-01-17 12:50:52 UTC
From: rlnou812@...
Topic: 11884 Message: 11885

There has been some confusion regarding my first post. The control panel included is for the repeater. On/off, channel display and other function buttons. A Starboard is not included but the DB9 cable connecting the repeater is.

Randy, WB0VHB

11886. Re: GMSK possible with DRA818U module?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-01-18 07:28:24 UTC
From: ki6zum@...
Topic: 11883 Message: 11886

Others have tried various boards and radios based on the RDA1846 and it hasn't gone well for DStar. The filtering is likely a big part of the problem.

The consensus is that you can't really turn off all the filtering. The same chip is used in most of the cheap Chinese radios like those from companies such as Baofeng.

As far as I know if you wanted to try tests with the 818 modules, you'd need to open the can and bypass the external filters.

There's also a number of problems with the 818 modules such as it can take up to 1sec for the PA to turn on after PTT is applied.

That being said, there is another module which doesn't have the problems of the 818. Have a look for the SR_FRS_1WU and SR_FRS_1WV modules. The do work better (and they are cheaper)

Another option would be to wait for the 1846 based boards that are on Kickstarter. At least with those boards, you would have full control of the registers.

TLDR; Others have tried and failed. If you still want to try, you might have better luck with the SR_FRS modules or the Kickstarter board.

---In gmsk_dv_node@yahoogroups.com, <msanchez@...> wrote :

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Thank you very much in advance.
Looking forward to read your answers/oppinions.

My best regarsd.

Miguel (EA1EZ)

11887. Re: Motorola UHF Dstar Repeater For Sale

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-01-18 14:59:34 UTC
From: roydamnmurser@...
Topic: 11884 Message: 11887

l am interested in this repeater for my home use, since the local dstar repeater is going away. i have dv node adapter ordered. is there anything more that i would need? i was going to use an alinco 2m radio before i saw your ad. please advise.

ron k0aaj

11888. Re: Motorola UHF Dstar Repeater For Sale

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-01-19 12:35:01 UTC
From: rlnou812@...
Topic: 11884 Message: 11888

This repeater has been sold.

Randy
WB0VHB

11889. Re: GMSK possible with DRA818U module?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-01-20 06:55:46 UTC
From: ra3apw@...
Topic: 11883 Message: 11889

Hi Miguel and All,

I had the same idea in 2014 and made DRA818 test.
You can find the test results on the link http://www.ra3apw.ru/proekty/dra818v/ http://www.ra3apw.ru/proekty/dra818v/ - sorry, text in Russian but you can use Google translator).

If shortly - GMSK mode is not possible with DRA818 module without a hardware modification.
Reason - DRA818 cuts off all modulation frequencies below 300 Hz.
The command AT+SETFILTER doesn't help as well.

I think go get a positive result with GMSK you should use two-point modulation modification where modulation signal goes simultaneously to VFO and to the reference generator.

BTW. DRA818 works well with AFSK which used for standard 1200 bps packet radio mode.

73 de Karen, ra3apw

11890. Re: GMSK possible with DRA818U module?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-01-23 18:07:29 UTC
From: Miguel Sánchez S
Topic: 11883 Message: 11890

Thank you very much in deed, James and Karen for your answers about the DRA818. I was concerned about the audio filtering in this device, but I was not aware about the PTT issue, so I´ll rule it out for the project and I´ll give the SR_FRS_1W a chance, although I´m still not sure whether the audio filtering is still a problem in this device. If it turns out by not being suitable for my aim, at least I´ll have a nice toy to play with.

By the way I also came across another gadget that has many chances to be a winner and I thought you might be interested in having a look at it, so I´ll put the link below. The FC-203/SA with similar form factor and its datasheet says that it handles base band audio.

Regards.

Miguel (EA1EZ)

https://www.google.es/url?sa=t
<https://www.google.es/url?sa=t&rct=j&q=&esrc=s&source=web&cd=1&ved=0ahUKEwi
VhZjmwsDKAhXLCCwKHfSvCFoQFggcMAA&url=http%3A%2F%2Fwww.friendcom.cn%2Fdownloa
dsfront.do%3Fmethod%3Dpicker%26flag%3Dall%26id%3D81fc9007-f04d-4938-8a48-ce0
6f745bed1%26fileId%3D21%26memstate%3D&usg=AFQjCNGOkrb4xQdAzs23uxbhrxg9AW_HQg
>
&rct=j&q=&esrc=s&source=web&cd=1&ved=0ahUKEwiVhZjmwsDKAhXLCCwKHfSvCFoQFggcMA
A&url=http%3A%2F%2Fwww.friendcom.cn%2Fdownloadsfront.do%3Fmethod%3Dpicker%26
flag%3Dall%26id%3D81fc9007-f04d-4938-8a48-ce06f745bed1%26fileId%3D21%26memst
ate%3D&usg=AFQjCNGOkrb4xQdAzs23uxbhrxg9AW_HQg

El software de antivirus Avast ha analizado este correo electrónico en busca de virus.
https://www.avast.com/antivirus

11891. Re: GMSK possible with DRA818U module?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-01-26 07:25:26 UTC
From: ra3apw@...
Topic: 11883 Message: 11891

Hi Miguel,

Thank you for the FC-203/SA datasheet link.
Unfortunately I am not sure that FC-203/SA module will work well with GMSK modulation.
No doubts for GMSK RX channel – there is a standard analogue output from TA31136 – it should work well if a proper IF filters installed in the module.

However there are two points in TX channel that make me doubt the possibility of the correct GMSK modulation in TX mode:
- One point modulation to VCO only
- Audio response……Within +1/-3dB of 6dB octave @300Hz to 2.55kHz for 12.5kHz @300Hz to 3.0khz for 25kHz
(see page 11 of the datasheet)

As FC-203/SA datasheet is not complete enough the tests/measurements will be the only way to find out the answer.

73 de Karen, ra3apw

11892. XLX Multiprotocol Reflector Gateway for D-Star

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-01-28 17:49:46 UTC
From: eluc69@...
Topic: 11892 Message: 11892
Attachments: 1 described; binary payloads are missing from this source WARC

Hi,

My name is Luc, LX1IQ.
I like to introduce the new XLX Multiprotocol Reflector Gateway for D-Star.
The reflector Server of the next generation.
It can replace all existing reflector system already running.

Find attached a brief description of the core server and try out.
It worth it to take a look at.

We are already supporting DPlus, DExtra and DCS protocol.
Next step will be the integration of the DMR protocol.
73, Luc

11893. New file uploaded to gmsk_dv_node

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-01-28 17:50:31 UTC
From: gmsk_dv_node@yahoogroups.com
Topic: 160 Message: 11893

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the gmsk_dv_node
group.

File : /_XLX Multiprotocol Reflector Gateway description.pdf
Uploaded by : luc0169 <eluc69@...>
Description : XLX Multiprotocol Reflector Gateway for D-Star description

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/gmsk_dv_node/files/_XLX%20Multiprotocol%20Reflector%20
Gateway%20description.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

luc0169 <eluc69@...>

11894. FA-DV 2.0 Any Help/ Info

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-01-30 16:40:08 UTC
From: slowtoe@...
Topic: 11894 Message: 11894

Looking for any info / software / help (in English) for the Funk amateur FA-DV 2.0 dv adapter. Have a few questions.

Thanks - Joel N0QEI

11895. Re: [gmsk_dv_node] FA-DV 2.0 Any Help/ Info

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-01-30 18:38:07 UTC
From: Dave Webb KB1PVH
Topic: 11894 Message: 11895

What are your questions? I have one, but haven't used it in a couple years. Feel free to contact me directly.

Dave-KB1PVH

Sent from my Galaxy S4

11896. ConDV on a Pi

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-01-31 21:05:31 UTC
From: J. M. Moen
Topic: 11896 Message: 11896

Many of you have checked out my web page “Building a D-Star Compatible Hotspot” at http://www.k6jm.com/hs-setup.htm . This page is for people using one of the GMSK Modems available. It gets the job done in 5 steps.

Step 5 is installing Hotspot software. Up until now, I’ve had details for users of DVAR, WinDV and G4KLX’s DStarRepeater and ircDDBGateway.

I’ve finally added a page about installing and configuring ConDV on a Raspberry Pi. http://www.k6jm.com/hs-setuppicondv.htm ConDV’s linking can be controlled via normal RF commands from the radio, or by a beautifully simple command line interface.

ConDV is written by Fred KA4YBR, author of WinDV as well as DUTCH*Star GMSK Modem firmware. The above page will get you up and running quickly, but the full ConDV documentation can be found in the DOC subfolder. More info is found on the DUTCH*Star website at http://www.dutch-star.eu/products/condv/

Jim – K6JM

PS All feedback is appreciated. If something on the new web page is confusing – or worse, wrong – please let me know. Thanks!

11897. Friendcom FC-203/SA and FC-301/D mini data transceivers

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-02-01 00:48:45 UTC
From: J. M. Moen
Topic: 11897 Message: 11897

The older FC-301/D has been successfully used with a GMKS Modem in D-Star service. Users have found that when attached to a sufficiently large heatsink, it can run 100% duty cycle up to 5 watts, though most prefer to run it at lower power.

Info at http://www.dutch-star.eu/products/fc-301d/

And https://www.argentdata.com/catalog/product_info.php?products_id=107

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, January 25, 2016 11:25 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: GMSK possible with DRA818U module?

Hi Miguel,

Thank you for the FC-203/SA datasheet link.
Unfortunately I am not sure that FC-203/SA module will work well with GMSK modulation.
No doubts for GMSK RX channel – there is a standard analogue output from TA31136 – it should work well if a proper IF filters installed in the module.

However there are two points in TX channel that make me doubt the possibility of the correct GMSK modulation in TX mode:
- One point modulation to VCO only
- Audio response……Within +1/-3dB of 6dB octave @300Hz to 2.55kHz for 12.5kHz @300Hz to 3.0khz for 25kHz
(see page 11 of the datasheet)

As FC-203/SA datasheet is not complete enough the tests/measurements will be the only way to find out the answer.

73 de Karen, ra3apw__

Posted by: ra3apw@...

11898. Re: Friendcom FC-203/SA and FC-301/D mini data transceivers

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-02-01 15:27:12 UTC
From: ra3apw@...
Topic: 11897 Message: 11898

Hi Jim,

correct, the older FC-301D should work well with GMSK modulation (D-Star and 9600 bps packet radio) as this transciver has a two points modulation: one - to VCO and second - to the reference oscillator.

Look at the page 57 of FC-301/D service manual
https://www.argentdata.com/support/FC301D_Service_Manual.pdf
https://www.argentdata.com/support/FC301D_Service_Manual.pdf - we can see REF-MOD signal which go to 12.8MHz reference VCXO X301.

Unfortunately I didn't find the same solution for FC-203/SA ...

73 de Karen, ra3apw

11899. totaly new to GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-02-03 03:56:32 UTC
From: n8pxe@...
Topic: 11899 Message: 11899

Hello,
I have a Raspberry pi2 and a dv-mega gmsk node adaptor. I plan to use this with an Icom 208H. I am having trouble setting it up as I do not know much about either yet. Can someone tell me the best place to go to get instructions and or information I can use for this set up? The Dv-Mega is right out of the box untouched and the PI has some software on it. Just not this software. Any guidance would be a grate help.

Thank you
N8PXE

11900. RE: [gmsk_dv_node] totaly new to GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-02-03 08:48:03 UTC
From: J. M. Moen
Topic: 11899 Message: 11900

I'd go to http://www.dvmega.auria.nl/GMSK_shield.html and follow the instructions there. I have found Guus' instructions easy to follow.

I assume you bought a combination Arduino (there are several models that will work) and DVMEGA GMSK DV Node Adapter. Though I have a DVMEGA Dualband Radio board and an Arduino Uno (creating a DVAP-like dual-band 10 milliwatt Hotspot), I have no experience with their modem. But basically, the modem shield fits on the Arduino.

The above webpage will have you download both the firmware hex file and a utility program called xloader. That will load the firmware into the Arduino.

You should then follow the link "Installation G4KLX D-Star repeater." I would read through it, to learn about the DVMEGA-specific settings. But since you want to use a Pi, I would then get one of the several excellent Pi image files, download it, write it to an SD card and boot up the Pi. Here are some good Pi images:

* Westerndstar – use http://www.k6jm.com/hs-piconfigG4KLX.htm which will have you load this image
* W6KD – checkout http://w6kd.boards.net/thread/2/dstar-commander-public-release-download
* Maryland - http://maryland-dstar.org/html/raspiberry.html
* VK4TUX also makes a really good image. I am not sure if he has a URL to download it, but you might contact him directly at vk4tux@... to get a copy

These images all install G4KLX's DStarRepeater and ircDDBGateway on the Pi. You will need to use DStarRepeaterConfig to configure your callsign and band module, and the specific modem info – in your case the DVMEGA. I think the Maryland image assumes you will be using a DVMEGA modem, but any of the images can quickly be configured to use that device.

Good luck, and feel free to ask questions as you set up your Hotspot.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@...m]
Sent: Tuesday, February 02, 2016 7:57 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] totaly new to GMSK

Hello,
I have a Raspberry pi2 and a dv-mega gmsk node adaptor. I plan to use this with an Icom 208H. I am having trouble setting it up as I do not know much about either yet. Can someone tell me the best place to go to get instructions and or information I can use for this set up? The Dv-Mega is right out of the box untouched and the PI has some software on it. Just not this software. Any guidance would be a grate help.

Thank you
N8PXE

11901. RE: [gmsk_dv_node] totaly new to GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-02-03 11:56:21 UTC
From: Jerry Reeves
Topic: 11899 Message: 11901

Thank you Jim for the information. I will go and check all of this out and see what I can do with it. I will let you know how I do or if I have more questions I will post.

N8PXE

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, February 03, 2016 2:48 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] totaly new to GMSK

I'd go to <http://www.dvmega.auria.nl/GMSK_shield.html>
http://www.dvmega.auria.nl/GMSK_shield.html and follow the instructions there. I have found Guus' instructions easy to follow.

I assume you bought a combination Arduino (there are several models that will work) and DVMEGA GMSK DV Node Adapter. Though I have a DVMEGA Dualband Radio board and an Arduino Uno (creating a DVAP-like dual-band 10 milliwatt Hotspot), I have no experience with their modem. But basically, the modem shield fits on the Arduino.

The above webpage will have you download both the firmware hex file and a utility program called xloader. That will load the firmware into the Arduino.

You should then follow the link "Installation G4KLX D-Star repeater." I would read through it, to learn about the DVMEGA-specific settings. But since you want to use a Pi, I would then get one of the several excellent Pi image files, download it, write it to an SD card and boot up the Pi. Here are some good Pi images:

* Westerndstar – use <http://www.k6jm.com/hs-piconfigG4KLX.htm>
http://www.k6jm.com/hs-piconfigG4KLX.htm which will have you load this image

* W6KD – checkout
<http://w6kd.boards.net/thread/2/dstar-commander-public-release-download>
http://w6kd.boards.net/thread/2/dstar-commander-public-release-download

* Maryland - <http://maryland-dstar.org/html/raspiberry.html>
http://maryland-dstar.org/html/raspiberry.html

* VK4TUX also makes a really good image. I am not sure if he has a URL to download it, but you might contact him directly at <mailto:vk4tux@bigpond.com> vk4tux@... to get a copy

These images all install G4KLX's DStarRepeater and ircDDBGateway on the Pi. You will need to use DStarRepeaterConfig to configure your callsign and band module, and the specific modem info – in your case the DVMEGA. I think the Maryland image assumes you will be using a DVMEGA modem, but any of the images can quickly be configured to use that device.

Good luck, and feel free to ask questions as you set up your Hotspot.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>
[mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, February 02, 2016 7:57 PM
To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>
Subject: [gmsk_dv_node] totaly new to GMSK

Hello,

I have a Raspberry pi2 and a dv-mega gmsk node adaptor. I plan to use this with an Icom 208H. I am having trouble setting it up as I do not know much about either yet. Can someone tell me the best place to go to get instructions and or information I can use for this set up? The Dv-Mega is right out of the box untouched and the PI has some software on it. Just not this software. Any guidance would be a grate help.

Thank you

N8PXE

11902. Dutchstar mini gmsk node firmware

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-02-03 22:54:45 UTC
From: fozzyone@...
Topic: 11902 Message: 11902

Hi All

I have unfortunatly updated the firmware in my gmsk mini node version c and now wont work with my rasberry pi.

Does anyone have the beta firmware.. I have emailled dutchstar twice with no response apart from the automated confirmation .

Cheers

Paul

11903. Re: [gmsk_dv_node] Dutchstar mini gmsk node firmware

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-02-03 23:43:18 UTC
From: Donald Jacob
Topic: 11902 Message: 11903

have you contacted Dutch Star?

WB5EKU

On Wed, Feb 3, 2016 at 2:54 PM, fozzyone@... [gmsk_dv_node] <
gmsk_dv_node@yahoogroups.com> wrote:

>
>
> Hi All
>
> I have unfortunatly updated the firmware in my gmsk mini node version c
> and now wont work with my rasberry pi.
>
> Does anyone have the beta firmware.. I have emailled dutchstar twice with
> no response apart from the automated confirmation .
>
> Cheers
>
> Paul
>
>

11904. Re: [gmsk_dv_node] Dutchstar mini gmsk node firmware

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-02-04 08:10:30 UTC
From: fozzyone@...
Topic: 11902 Message: 11904

I have emailed them Twice ..not had any reply.

11905. Re: [gmsk_dv_node] Dutchstar mini gmsk node firmware

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-02-04 13:54:53 UTC
From: Dave Wright
Topic: 11902 Message: 11905

Are you looking for an update on the firmware?

On Thu, Feb 4, 2016, 2:10 AM fozzyone@... [gmsk_dv_node] <
gmsk_dv_node@yahoogroups.com> wrote:

>
>
> I have emailed them Twice ..not had any reply.
>
>

11906. Re: Dutchstar mini gmsk node firmware

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-02-04 19:05:09 UTC
From: fozzyone@...
Topic: 11902 Message: 11906

Hi Dave

I looking for the beta version of the firmware so I can put it back on my rasberry Pi

Cheers
Paul

11907. Re: [gmsk_dv_node] Re: Dutchstar mini gmsk node firmware

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-02-04 20:15:18 UTC
From: Donald Jacob
Topic: 11902 Message: 11907

I think that the dutchstar email server is having problems
I forwarded you email to him via another address.
I will check later today to see if he received it.

WB5EKU

On Thu, Feb 4, 2016 at 11:05 AM, fozzyone@... [gmsk_dv_node] <
gmsk_dv_node@yahoogroups.com> wrote:

>
>
> Hi Dave
>
> I looking for the beta version of the firmware so I can put it back on my
> rasberry Pi
>
> Cheers
> Paul
>
>
>

11908. Re: [gmsk_dv_node] Dutchstar mini gmsk node firmware

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-02-05 01:41:10 UTC
From: Tony Ross
Topic: 11902 Message: 11908

On 02/03/2016 02:54 PM, fozzyone@... [gmsk_dv_node] wrote:

> I have unfortunatly updated the firmware in my gmsk mini node version
> c and now wont work with my rasberry pi.
>
> Does anyone have the beta firmware.. I have emailled dutchstar twice
> with no response apart from the automated confirmation .

This has been a consistent problem for the past year. You'll need to communicate with Jim Moen sales*at*moencomm*/dot/*com to solve it.

11909. Orlando HamCation Friday night DSTAR Pizza Party Feb 12, 2016

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-02-05 20:15:00 UTC
From: Kent Hufford
Topic: 11909 Message: 11909
Attachments: 1 described; binary payloads are missing from this source WARC

First Annual Informal Orlando HamCation(r) Friday night DSTAR Pizza Party

All amateur radio operators and their guests are invited to the First Annual Informal Orlando HamCation(r) Friday Night DSTAR Pizza Party following the end of first day of the Orlando HamCation(r). Join fellow hams and DSTAR enthusiasts for pizza, war stories, fun, and door prizes as we kickoff this new tradition of an annual Orlando DSTAR Pizza Party. The festivities will be held at:

6:30 PM EST, Friday, February 12, 2016

CiCi's Pizza $B!|(B 10151 W Colonial Drive $B!|(B Ocoee $B!|(B Florida $B!|(B 34761

Telephone (407) 292-1277

Visit https://goo.gl/KYvPQ8 for a map to CiCi's Pizza from the HamCation(r) location

GPS coordinates for the parking lot entrance: 28$B!k(B33.11' N, 81$B!k(B31.64' W

Drawing for the door prizes will begin promptly at 7:30 PM EST.

You must be present and a licensed amateur radio operator to enter the drawing, win, or claim a prize. Proof of licensure will be required - no exceptions. Limit one entry and one prize per licensed amateur radio operator.

Cost for the buffet-style food at CiCi's is $5.79 per person + tax payable directly to the restaurant. If desired, you may purchase a soft drink for an additional $1.89 + tax.

FLYER ATTACHED. Please email questions or comments to Bob, N4BLD or Kent, KQ4KK at dstarpizza@... <mailto:dstarpizza@...> .

11910. Image burns to microSD but shows as 58mb?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-02-09 18:28:57 UTC
From: wd4w.ky@...
Topic: 11910 Message: 11910
Attachments: 1 described; binary payloads are missing from this source WARC

I am trying to setup my Raspberry Pi 2 Model B.

I downloaded the Western Dstar image for gmsk modems. After extracting the image the size is just over
3.8 gb. Using Win32diskimager I burn the image to my 16gig MicroSD card and the writer reports the image burn is complete.

I tried to boot the Raspberry PI and nothing happened. I viewed the MicroSD card in windows and it now shows as a 58mb FAT instead of the 16gb I started with. The files are present but the file sizes must be incorrect see attached photo.

Any ideas as to has happened?

Charles
WD4W

11911. Re: [gmsk_dv_node] Image burns to microSD but shows as 58mb? [1 Attachment]

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-02-10 01:00:12 UTC
From: Libor Berka
Topic: 11910 Message: 11911

Charles go to raspberry terminal window and put command
$ sudo raspi-config
There is first line which can extend the size of your SD card
to maximum. Then you will see that the 16 GB card has 16GB minus aboiut 5 GB
i.e 11 GB space.
73
Libor PY2ZEN

On 02/09/2016 04:28 PM, wd4w.ky@... [gmsk_dv_node] wrote:
> I am trying to setup my Raspberry Pi 2 Model B.
>
>
> I downloaded the Western Dstar image for gmsk modems. After extracting the image the size is just over
> 3.8 gb. Using Win32diskimager I burn the image to my 16gig MicroSD card and the writer reports the image burn is complete.
>
>
> I tried to boot the Raspberry PI and nothing happened. I viewed the MicroSD card in windows and it now shows as a 58mb FAT instead of the 16gb I started with. The files are present but the file sizes must be incorrect see attached photo.
>
>
>
> Any ideas as to has happened?
>
>
> Charles
> WD4W

11912. Re: [gmsk_dv_node] Image burns to microSD but shows as 58mb? [1 Attachment]

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-02-10 01:00:27 UTC
From: Libor Berka
Topic: 11910 Message: 11912

Charles go to raspberry terminal window and put command
$ sudo raspi-config
There is first line which can extend the size of your SD card
to maximum. Then you will see that the 16 GB card has 16GB minus aboiut 5 GB
i.e 11 GB space.
73
Libor PY2ZEN

On 02/09/2016 04:28 PM, wd4w.ky@... [gmsk_dv_node] wrote:
> I am trying to setup my Raspberry Pi 2 Model B.
>
>
> I downloaded the Western Dstar image for gmsk modems. After extracting the image the size is just over
> 3.8 gb. Using Win32diskimager I burn the image to my 16gig MicroSD card and the writer reports the image burn is complete.
>
>
> I tried to boot the Raspberry PI and nothing happened. I viewed the MicroSD card in windows and it now shows as a 58mb FAT instead of the 16gb I started with. The files are present but the file sizes must be incorrect see attached photo.
>
>
>
> Any ideas as to has happened?
>
>
> Charles
> WD4W

11913. Re: Image burns to microSD but shows as 58mb?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-02-10 12:01:29 UTC
From: ncstang95@...
Topic: 11910 Message: 11913

Two thoughts on why you aren't getting a successful boot on your new image:

1: Windows Explorer is only able to see the FAT partition so that is the only size you are seeing, is the initial boot partition. The partition that the Pi OS resides on is in a second partition. If you go in Disk Manager, you will see the second partition.

2: What version of Pi are you running? It has been a while since I have wrote a SD card from a fresh image, as I have been running my setups about 6+ months without issue, and use dd in the Mac OS to write my cards. If you are running a Pi 2 and using a image for the Pi B or B+ it used to not boot, they may have fixed that. I am fairly certain it won't work the other way around also.

Roy Rieck
AJ4RC

---In gmsk_dv_node@yahoogroups.com, <wd4w.ky@...> wrote :

I am trying to setup my Raspberry Pi 2 Model B.

I downloaded the Western Dstar image for gmsk modems. After extracting the image the size is just over
3.8 gb. Using Win32diskimager I burn the image to my 16gig MicroSD card and the writer reports the image burn is complete.

I tried to boot the Raspberry PI and nothing happened. I viewed the MicroSD card in windows and it now shows as a 58mb FAT instead of the 16gb I started with. The files are present but the file sizes must be incorrect see attached photo.

Any ideas as to has happened?

Charles
WD4W

11914. Re: Image burns to microSD but shows as 58mb?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-02-10 21:09:40 UTC
From: wd4w.ky@...
Topic: 11910 Message: 11914

Libor PY2ZEN I could not get the Pi to boot with the Western Dstar image this was not an option.

Roy Rieck AJ4RC I should have know what I was seeing in Windows Explorer was the free space in windows. I am running the R.P. 2 B and I could not get it to boot the Western Dstar image after downloading it twice and burning it with both Win32DiskImager and SDImager.

I then tried the Maryland Dstar image and it worked the first time I tried it and with two different SC cards :) success at last.

I have no idea why I could not get the Western Dstar image to boot. I had heard good things about that image from several people. I guess my computer system running Win7 with built in SD card slot was not compatible with it.

Thanks for the responses.

73
Charles

11915. Re: [gmsk_dv_node] Re: Image burns to microSD but shows as 58mb?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-02-10 21:51:21 UTC
From: brian
Topic: 11910 Message: 11915

Hi The Western D-Star gmsk is an old version based on the original R-Pi B model which is incompatible with B+ and 2B models. All later images run on all Pi versions, and though it does not specifically mention GMSK, the 'dstarrepeater' caters for many different modems including GMSK. Brian gw6wtk Sent from Samsung Mobile
-------- Original message --------
From: "wd4w.ky@gmail.com [gmsk_dv_node]"
Date:10/02/2016 21:09 (GMT+00:00)
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Image burns to microSD but shows as 58mb?

Libor PY2ZEN I could not get the Pi to boot with the Western Dstar image this was not an option. Roy Rieck AJ4RC I should have know what I was seeing in Windows Explorer was the free space in windows. I am running the R.P. 2 B and I could not get it to boot the Western Dstar image after downloading it twice and burning it with both Win32DiskImager and SDImager. I then tried the Maryland Dstar image and it worked the first time I tried it and with two different SC cards :) success at last. I have no idea why I could not get the Western Dstar image to boot. I had heard good things about that image from several people. I guess my computer system running Win7 with built in SD card slot was not compatible with it. Thanks for the responses. 73 Charles

11916. Re: [gmsk_dv_node] Re: Image burns to microSD but shows as 58mb?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-02-10 23:57:08 UTC
From: Libor Berka
Topic: 11910 Message: 11916

Charles pls try download from my page the raspbian jessie already with
DV soft installed and load it to your RPI. I use it q/o problems.
See my page:
http://medvidek.ddns.net:1080/libor/Downloads.htm
It's item No.19
73
Libor

On 02/10/2016 07:09 PM, wd4w.ky@... [gmsk_dv_node] wrote:
> Libor PY2ZEN I could not get the Pi to boot with the Western Dstar image this was not an option.
>
> Roy Rieck AJ4RC I should have know what I was seeing in Windows Explorer was the free space in windows. I am running the R.P. 2 B and I could not get it to boot the Western Dstar image after downloading it twice and burning it with both Win32DiskImager and SDImager.
>
>
> I then tried the Maryland Dstar image and it worked the first time I tried it and with two different SC cards :) success at last.
>
>
> I have no idea why I could not get the Western Dstar image to boot. I had heard good things about that image from several people. I guess my computer system running Win7 with built in SD card slot was not compatible with it.
>
>
> Thanks for the responses.
>
>
> 73
> Charles
>
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>

11919. ic-2820

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-02-12 14:33:32 UTC
From: ea8ee
Topic: 11919 Message: 11919

good condition enable open possibility of cross reoetidor dstar C4FM 350 euros and accept paypal

--
Enviado desde EA8EE red movil

11920. RE: Orlando HamCation Friday night DSTAR Pizza Party Feb 12, 2016

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-02-13 03:20:46 UTC
From: KENT HUFFORD
Topic: 11909 Message: 11920

We had 44 Hams attend. Great door prizes from ICOM, FLEXradio, RTSystems, AES, NWdigital, and the makers of the DV4MINI.

Thanks to N4BLD who made the Orlando arraignments.

K4DII, Fred won the ICOM 51+

KENT

KQ4KK

From: Kent Hufford [mailto:khufford@...]
Sent: Friday, February 5, 2016 3:15 PM
To: dstar_digital@yahoogroups.com; DSTARHF@yahoogroups.com; gmsk_dv_node@yahoogroups.com; DVDongle@yahoogroups.com
Subject: Orlando HamCation Friday night DSTAR Pizza Party Feb 12, 2016

First Annual Informal Orlando HamCation(r) Friday night DSTAR Pizza Party

All amateur radio operators and their guests are invited to the First Annual Informal Orlando HamCation(r) Friday Night DSTAR Pizza Party following the end of first day of the Orlando HamCation(r). Join fellow hams and DSTAR enthusiasts for pizza, war stories, fun, and door prizes as we kickoff this new tradition of an annual Orlando DSTAR Pizza Party. The festivities will be held at:

6:30 PM EST, Friday, February 12, 2016

CiCi's Pizza $B!|(B 10151 W Colonial Drive $B!|(B Ocoee $B!|(B Florida $B!|(B 34761

Telephone (407) 292-1277

Visit <https://goo.gl/KYvPQ8> https://goo.gl/KYvPQ8 for a map to CiCi's Pizza from the HamCation(r) location

GPS coordinates for the parking lot entrance: 28$B!k(B33.11' N, 81$B!k(B31.64' W

Drawing for the door prizes will begin promptly at 7:30 PM EST.

You must be present and a licensed amateur radio operator to enter the drawing, win, or claim a prize. Proof of licensure will be required - no exceptions. Limit one entry and one prize per licensed amateur radio operator.

Cost for the buffet-style food at CiCi's is $5.79 per person + tax payable directly to the restaurant. If desired, you may purchase a soft drink for an additional $1.89 + tax.

FLYER ATTACHED. Please email questions or comments to Bob, N4BLD or Kent, KQ4KK at dstarpizza@... <mailto:dstarpizza@...> .

11921. New Reflector

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-02-16 20:40:48 UTC
From: Eudoxio De Jesus Mondego
Topic: 11921 Message: 11921

Hi
We would like our new XREFLECTOR added to your image:
XRF789
IP address: 75.144.65.122
Dashboard can be accessed here: http://75.144.65.122/index.php
Sponsored by the D-Star Brazil Group, 24/7 link with XRF789.
Supporting web page: www.dstarbrasil.com.br
Thanks
73

Eudoxio(PY1EU)

Julio(PY2EQJ)-

Romulo(K8ZU)-

Pereira(PY4CEP)

11922. Help with Hot Spot Issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-02-27 13:45:27 UTC
From: Jack Prindle
Topic: 11922 Message: 11922

I bought a GMSK Modem Board with cables, from Moen Comm. I have a Yaesu FT8800 I bought to make a DSTAR access point, and a Raspberry Pi.

Hooked up the Yaesu FT8800 to the GMSK Modem board, the modem board to the Raspberry Pi, the Pi is running DSTAR COMMANDER, latest version, G4KLX, made the change to the DVMEGA image to connect to the GMSK MODEM.

Everything works great with my Icom IC-92AD.

However, at first neither my IC-51 or my ID5100 would decode the audio, from the hot spot. The signal was present, but no audio. On the DSTAR Roundtable net it was suggested to check and make sure the radio was set in FM Narrow band. I checked and it was not so I set it to narrow band. The ID51 and ID5100 came to life. Thought the problem was solved.

But today noticed that sometimes the ID51 does not decode the audio at the beginning of a received transmission, loosing from a word to three or four words before the audio comes through. I then discovered that my IC-7100 does not decode the audio at all through the hot spot. Switches to FM mode and nothing but digital noise. Switched it out of auto and the radio remains silent, although receiving the signal.

Anyone have any ideas how to correct this issue?

Thanks,

73 de AB4WS,

Jack

Jack

Sent from my iPad

11923. Re: [gmsk_dv_node] Help with Hot Spot Issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-02-27 14:33:13 UTC
From: Dave Webb KB1PVH
Topic: 11922 Message: 11923

Jack,

Two things I can think of off the top of my head.

Increase the TXDelay in the software to 250-300 and see if that takes care of missing the first word or two.

As far as the 7100 not decoding, I would play with the TX Level pot on the board while using another radio to do a LONG echo test. I believe the 7100 has a tighter tolerance.

Dave-KB1PVH

Sent from my Galaxy S4

11924. RE: [gmsk_dv_node] Help with Hot Spot Issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-05 02:40:29 UTC
From: J. M. Moen
Topic: 11922 Message: 11924

Jack,

You did not mention if you re-adjusted the deviation to be sure it was correct for the 51A.

Each new D-Star radio seems to be increasingly sensitive to the FM deviation being according to spec, and refusing to decode if it is not. So a Hotspot that is adjusted to work well with an older radio (like my 91AD or even your 92AD) may not work well with a newer radio like the 5100 or a 51A until the deviation is tweaked. For a D-Star Hotspot, you adjust deviation by adjusting the level of TX audio the modem sends to the FM modulator.

So to do that, just use NAWinTEST and run the Echo Test function. Transmit from your 51A for a long time, then let up on PTT and let the playback start. Slowly and carefully adjust the TX Trim Pot (on the Star*Board, that's R36, the pot closest to the USB connector).

You should be able to find the sweet spot where the 51A will be able to decode, and that spot should also work for your 92AD.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, February 27, 2016 5:45 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Help with Hot Spot Issue
I bought a GMSK Modem Board with cables, from Moen Comm. I have a Yaesu FT8800 I bought to make a DSTAR access point, and a Raspberry Pi.

Hooked up the Yaesu FT8800 to the GMSK Modem board, the modem board to the Raspberry Pi, the Pi is running DSTAR COMMANDER, latest version, G4KLX, made the change to the DVMEGA image to connect to the GMSK MODEM.

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However, at first neither my IC-51 or my ID5100 would decode the audio, from the hot spot. The signal was present, but no audio. On the DSTAR Roundtable net it was suggested to check and make sure the radio was set in FM Narrow band. I checked and it was not so I set it to narrow band. The ID51 and ID5100 came to life. Thought the problem was solved.

But today noticed that sometimes the ID51 does not decode the audio at the beginning of a received transmission, loosing from a word to three or four words before the audio comes through. I then discovered that my IC-7100 does not decode the audio at all through the hot spot. Switches to FM mode and nothing but digital noise. Switched it out of auto and the radio remains silent, although receiving the signal.

Anyone have any ideas how to correct this issue?

Thanks,
73 de AB4WS,
Jack
_.-'---

11925. Re: [gmsk_dv_node] Help with Hot Spot Issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-05 03:27:09 UTC
From: Jack Prindle
Topic: 11922 Message: 11925

Jim,

I tried adjusting the TX pot and in the sweet spot still had issue.

Then I found a plastic case to put the GMSK Modem board in. I then wrapped the outside of the plastic case with heavy duty Reynolds wrap aluminum foil, cutting out windows to view the led status indicators. Then covered the foil with tape.

The issue then went away. Both the ID51 and the IC7100 are decoding the signal fine. Suspect it was having issues from RFI perhaps.

Thank again for all the help!

73 de ab4ws

Jack

Sent from my iPad

> On Mar 4, 2016, at 21:40, 'J. M. Moen' jim@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
> Jack,
>
> You did not mention if you re-adjusted the deviation to be sure it was correct for the 51A.
>
>
> Each new D-Star radio seems to be increasingly sensitive to the FM deviation being according to spec, and refusing to decode if it is not. So a Hotspot that is adjusted to work well with an older radio (like my 91AD or even your 92AD) may not work well with a newer radio like the 5100 or a 51A until the deviation is tweaked. For a D-Star Hotspot, you adjust deviation by adjusting the level of TX audio the modem sends to the FM modulator.
>
>
> So to do that, just use NAWinTEST and run the Echo Test function. Transmit from your 51A for a long time, then let up on PTT and let the playback start. Slowly and carefully adjust the TX Trim Pot (on the Star*Board, that’s R36, the pot closest to the USB connector).
>
> You should be able to find the sweet spot where the 51A will be able to decode, and that spot should also work for your 92AD.
>
> Jim – K6JM
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
> Sent: Saturday, February 27, 2016 5:45 AM

> To: gmsk_dv_node@yahoogroups.com
> Subject: [gmsk_dv_node] Help with Hot Spot Issue
>
> I bought a GMSK Modem Board with cables, from Moen Comm. I have a Yaesu FT8800 I bought to make a DSTAR access point, and a Raspberry Pi.
>
> Hooked up the Yaesu FT8800 to the GMSK Modem board, the modem board to the Raspberry Pi, the Pi is running DSTAR COMMANDER, latest version, G4KLX, made the change to the DVMEGA image to connect to the GMSK MODEM.
>
> Everything works great with my Icom IC-92AD.
>
> However, at first neither my IC-51 or my ID5100 would decode the audio, from the hot spot. The signal was present, but no audio. On the DSTAR Roundtable net it was suggested to check and make sure the radio was set in FM Narrow band. I checked and it was not so I set it to narrow band. The ID51 and ID5100 came to life. Thought the problem was solved.
>
> But today noticed that sometimes the ID51 does not decode the audio at the beginning of a received transmission, loosing from a word to three or four words before the audio comes through. I then discovered that my IC-7100 does not decode the audio at all through the hot spot. Switches to FM mode and nothing but digital noise. Switched it out of auto and the radio remains silent, although receiving the signal.
>
> Anyone have any ideas how to correct this issue?
>
> Thanks,
> 73 de AB4WS,
> Jack
>
> _·_’___
>
>

11926. RE: [gmsk_dv_node] Help with Hot Spot Issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-05 05:40:35 UTC
From: J. M. Moen
Topic: 11922 Message: 11926

Jack,

Interesting that it appears RF from the 51A was getting into the board, but RF from the 92AD was not. Were they both set at the same output power level?

Obviously the best solution is to prevent RF from getting into your electronics in the first place. Usually moving the target board farther away from the source is enough. I do a lot of testing here, and have RF problems that I'll solve by moving just a foot or two away, but some problems are harder to solve.

Another approach when using a plastic enclosure is to use aluminum spray on the inside to create an RF shield. This was suggested by Fred KA4YBR of DUTCH*Star. He points out that many medical instruments are done this way, as plastic is easier to clean, yet the shield is still present.

For tough RF problems, don't forget to put chokes on the cables that are connected to the target board. Otherwise RF can get to the board on the cables.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Friday, March 04, 2016 7:27 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Help with Hot Spot Issue

Jim,

I tried adjusting the TX pot and in the sweet spot still had issue.

Then I found a plastic case to put the GMSK Modem board in. I then wrapped the outside of the plastic case with heavy duty Reynolds wrap aluminum foil, cutting out windows to view the led status indicators. Then covered the foil with tape.

The issue then went away. Both the ID51 and the IC7100 are decoding the signal fine. Suspect it was having issues from RFI perhaps.

Thank again for all the help!

73 de ab4ws

Jack

Sent from my iPad

On Mar 4, 2016, at 21:40, 'J. M. Moen' jim@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

Jack,
You did not mention if you re-adjusted the deviation to be sure it was correct for the 51A.

Each new D-Star radio seems to be increasingly sensitive to the FM deviation being according to spec, and refusing to decode if it is not. So a Hotspot that is adjusted to work well with an older radio (like my 91AD or even your 92AD) may not work well with a newer radio like the 5100 or a 51A until the deviation is tweaked. For a D-Star Hotspot, you adjust deviation by adjusting the level of TX audio the modem sends to the FM modulator.
So to do that, just use NAWinTEST and run the Echo Test function. Transmit from your 51A for a long time, then let up on PTT and let the playback start. Slowly and carefully adjust the TX Trim Pot (on the Star*Board, that's R36, the pot closest to the USB connector). You should be able to find the sweet spot where the 51A will be able to decode, and that spot should also work for your 92AD.
Jim – K6JM
From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, February 27, 2016 5:45 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Help with Hot Spot Issue
I bought a GMSK Modem Board with cables, from Moen Comm. I have a Yaesu FT8800 I bought to make a DSTAR access point, and a Raspberry Pi.

Hooked up the Yaesu FT8800 to the GMSK Modem board, the modem board to the Raspberry Pi, the Pi is running DSTAR COMMANDER, latest version, G4KLX, made the change to the DVMEGA image to connect to the GMSK MODEM.

Everything works great with my Icom IC-92AD.

However, at first neither my IC-51 or my ID5100 would decode the audio, from the hot spot. The signal was present, but no audio. On the DSTAR Roundtable net it was suggested to check and make sure the radio was set in FM Narrow band. I checked and it was not so I set it to narrow band. The ID51 and ID5100 came to life. Thought the problem was solved.

But today noticed that sometimes the ID51 does not decode the audio at the beginning of a received transmission, loosing from a word to three or four words before the audio comes through. I then discovered that my IC-7100 does not decode the audio at all through the hot spot. Switches to FM mode and nothing but digital noise. Switched it out of auto and the radio remains silent, although receiving the signal.

Anyone have any ideas how to correct this issue?

Thanks,
73 de AB4WS,
Jack
_.-._.---

11927. New web pages about Hotspots

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-13 01:52:44 UTC
From: J. M. Moen
Topic: 11927 Message: 11927

Some of you have seen my personal website where I have various “how-to” pages regarding Hotspots and modems – the main one is http://www.k6jm.com/hs-setup.htm

I have added an overview of Hotspot applications that support GMSK Modems – http://www.k6jm.com/hs-software.htm -- It’s remarkable there are so many excellent options available. If I got something wrong or am missing a program, please let me know.

I now have two how-to pages about ConDV:
* ConDV on Windows – http://www.k6jm.com/hs-setupwincondv.htm
* ConDV on the Pi – http://www.k6jm.com/hs-setuppicondv.htm

ConDV has a simple command line interface and is often used when most linking is done via RF commands from the D-Star radio.

Jim – K6JM

·–’–––

11928. winDV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-13 19:08:58 UTC
From: david10452@...
Topic: 11928 Message: 11928

Has anyone been able to get winDV to work as a full repeater..
works great as hot spot.. But I can not get it to work in duplex been thru all setting
Dave

11929. Re: [gmsk_dv_node] winDV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-14 14:54:13 UTC
From: Kevin Parsons
Topic: 11928 Message: 11929

cool

On 13 March 2016 at 19:08, david10452@... [gmsk_dv_node] <
gmsk_dv_node@yahoogroups.com> wrote:

>
>
> Has anyone been able to get winDV to work as a full repeater..
>
> works great as hot spot.. But I can not get it to work in duplex been
> thru all setting
>
> Dave
>
>
>

11930. RE: [gmsk_dv_node] winDV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-15 02:43:17 UTC
From: J. M. Moen
Topic: 11928 Message: 11930

I did some testing over the weekend. I used Windows, since that is WinDV's platform. I used a cable I made up for full duplex/2 radio operation and set the GMSK Modem to full duplex (actually unchecked the Half Duplex setting).

I configured WinDV for Full Duplex, but was unable to get it to repeat incoming RF transmissions. It did transmit incoming transmissions to the linked-to reflector, and transmissions from the reflector were transmitted out the TX radio, but basically it operated in simplex mode.

I then ran G4KLX DStarRepeater and ircDDBGateway in Duplex mode. It did repeat incoming RF transmissions and functioned like a normal repeater.

I also tried ConDV, setting the GMSK Modem Port to Simplex = False, but it ran in simplex mode like WinDV and did not repeat out the transmitter what it heard on the receiver.

So clearly DVAR Hotspot works in full duplex, and G4KLX programs do. I have not tested, but I will guess Free*Star correctly supports duplex. My testing shows WinDV and ConDV do not. If anyone has different results, please let us know.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Sunday, March 13, 2016 12:09 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] winDV
Has anyone been able to get winDV to work as a full repeater..
works great as hot spot.. But I can not get it to work in duplex been thru all setting
Dave._,_.___

Posted by: david10452@...
_,___

11931. Tait TB7100 Connectivity for GMSK anyone?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-15 17:41:22 UTC
From: dominic@...
Topic: 11931 Message: 11931

Hello, wondering if anyone has used a Tait TB7100 repeater with a node adaptor yet? I'm guessing as it's fairly modern it will probably be very suitable for GMSK and hopefully also DMR.

If anyone has and rembers the connections/link configuration that worked for GMSK I would appreciate a chat.

Regards

Dominic G7NPW

11932. Fw: new important message

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-17 11:23:16 UTC
From: <dan@...>
Topic: 11932 Message: 11932

Hello!

New message, please read <http://xc.cz/words.php?v>

dan@...

11933. Re: Fw: new important message

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-18 19:13:41 UTC
From: Paul Foster
Topic: 11932 Message: 11933

spam. -!!!!!

Cheers
Paul

11934. Repeater issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-18 20:17:51 UTC
From: david10452@...
Topic: 11934 Message: 11934

I am having repeater issue.. I have setup my board as a full repeater when I boot up the program G4KLX
it works for several qso then quits until I reboot everything..
if I connect to a reflector it will run all day long and pass traffic thur my repeater ..but if some one
on the local side tries to tx it will quit. after a couple qsos
I ran it with just the GKMS program and not the gateway program and it does the same thing acting as a local repeater
I did see an error message in the log that said
"Error returned from recvfrom (port: 2001),err: 10054"
I have this port open in the router and set to all types of traffic
can some one help with this??
Thanks
Dave W2ACC

11935. Re: [gmsk_dv_node] Repeater issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-18 22:20:56 UTC
From: David Mette
Topic: 11934 Message: 11935

Update I was able to get rid of error message was an IP issueBut it did not solve my TX issue need help with this

From: "david10452@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Friday, March 18, 2016 4:17 PM
Subject: [gmsk_dv_node] Repeater issue

I am having repeater issue.. I have setup my board as a full repeater when I boot up the program G4KLXit works for several qso then quits until I reboot everything..if I connect to a reflector it will run all day long and pass traffic thur my repeater ..but if some oneon the local side tries to tx it will quit. after a couple qsosI ran it with just the GKMS program and not the gateway program and it does the same thing acting as a local repeaterI did see an error message in the log that said "Error returned from recvfrom (port: 2001),err: 10054"I have this port open in the router and set to all types of trafficcan some one help with this??ThanksDave W2ACC

11936. RE: [gmsk_dv_node] Help with Hot Spot Issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-19 01:50:19 UTC
From: nvaught@...
Topic: 11922 Message: 11936

Where can I download NAWinTEST for windows 10?

Thank you,

Niles K4RNV

11937. RE: [gmsk_dv_node] Help with Hot Spot Issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-19 02:41:40 UTC
From: Dave Webb KB1PVH
Topic: 11922 Message: 11937

Niles,

Dutch-Star website http://www.dutch-star.eu/software/

Dave-KB1PVH

Sent from my Galaxy S4

11938. Re: [gmsk_dv_node] Repeater issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-19 02:52:29 UTC
From: Vince P
Topic: 11934 Message: 11938

Hello Dave.

The problem is with the GSMK Node not with software. its the timing setting in the boards firmware.. Which GSMK Board are you using. I had the same problem but since I change the timing settings on the board its all gone..

Vince.

> On Mar 18, 2016, at 4:17 PM, david10452@...m [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
> I am having repeater issue.. I have setup my board as a full repeater when I boot up the program G4KLX
> it works for several qso then quits until I reboot everything..
> if I connect to a reflector it will run all day long and pass traffic thur my repeater ..but if some one
> on the local side tries to tx it will quit. after a couple qsos
> I ran it with just the GKMS program and not the gateway program and it does the same thing acting as a local repeater
> I did see an error message in the log that said
> "Error returned from recvfrom (port: 2001),err: 10054"
> I have this port open in the router and set to all types of traffic
> can some one help with this??
> Thanks
> Dave W2ACC

11939. Re: [gmsk_dv_node] Repeater issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-19 03:03:25 UTC
From: David Mette
Topic: 11934 Message: 11939

https://www.moencomm.com//StarBoard_usermanual2012Jun19.pdf
Vincethanks for the reply.... this is the node adpt I am using73DaveW2ACC

From: "Vince P ve3elb@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Friday, March 18, 2016 10:52 PM
Subject: Re: [gmsk_dv_node] Repeater issue

  Hello Dave.

The problem is with the GSMK Node not with software. its the timing setting in the boards firmware.. Which GSMK Board are you using. I had the same problem but since I change the timing settings on the board its all gone..

Vince.

> On Mar 18, 2016, at 4:17 PM, david10452@... [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com> wrote:
>
> I am having repeater issue.. I have setup my board as a full repeater when I boot up the program G4KLX
> it works for several qso then quits until I reboot everything..
> if I connect to a reflector it will run all day long and pass traffic thur my repeater ..but if some one
> on the local side tries to tx it will quit. after a couple qsos
> I ran it with just the GKMS program and not the gateway program and it does the same thing acting as a local repeater
> I did see an error message in the log that said
> "Error returned from recvfrom (port: 2001),err: 10054"
> I have this port open in the router and set to all types of traffic
> can some one help with this??
> Thanks
> Dave W2ACC

11940. Re: [gmsk_dv_node] Repeater issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-19 03:11:45 UTC
From: Vince P
Topic: 11934 Message: 11940

Dave.

Tomorrow evening I will pull my controller out and get you a few screen shots of the settings. I will send them to you then.

Hang In There
Vince.

> On Mar 18, 2016, at 11:03 PM, David Mette david10452@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
>
> https://www.moencomm.com//StarBoard_usermanual2012Jun19.pdf <https://www.moencomm.com//StarBoard_usermanual2012Jun19.pdf>
>
> Vince
> thanks for the reply.... this is the node adpt I am using
> 73
> Dave
> W2ACC
>
>
> From: "Vince P ve3elb@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
> To: gmsk_dv_node@yahoogroups.com
> Sent: Friday, March 18, 2016 10:52 PM
> Subject: Re: [gmsk_dv_node] Repeater issue
>
>
> Hello Dave.
>
> The problem is with the GSMK Node not with software. its the timing setting in the boards firmware.. Which GSMK Board are you using. I had the same problem but since I change the timing settings on the board its all gone..
>
> Vince.
>
> > On Mar 18, 2016, at 4:17 PM, david10452@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
> >
> > I am having repeater issue.. I have setup my board as a full repeater when I boot up the program G4KLX
> > it works for several qso then quits until I reboot everything..
> > if I connect to a reflector it will run all day long and pass traffic thur my repeater ..but if some one
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thing acting as a local repeater
> > I did see an error message in the log that said
> > "Error returned from recvfrom (port: 2001),err: 10054"
> > I have this port open in the router and set to all types of traffic
> > can some one help with this??
> > Thanks
> > Dave W2ACC
>
>
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>
>

11941. Re: [gmsk_dv_node] Repeater issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-19 04:09:45 UTC
From: David Mette
Topic: 11934 Message: 11941

Thanks Vince

From: "Vince P ve3elb@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Friday, March 18, 2016 11:11 PM
Subject: Re: [gmsk_dv_node] Repeater issue

  Dave.
Tomorrow evening I will pull my controller out and get you a few screen shots of the settings. I will send them to you then.
Hang In ThereVince.

On Mar 18, 2016, at 11:03 PM, David Mette david10452@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

https://www.moencomm.com//StarBoard_usermanual2012Jun19.pdf
Vincethanks for the reply.... this is the node adpt I am using73DaveW2ACC

From: "Vince P ve3elb@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Friday, March 18, 2016 10:52 PM
Subject: Re: [gmsk_dv_node] Repeater issue

  Hello Dave.

The problem is with the GSMK Node not with software. its the timing setting in the boards firmware.. Which GSMK Board are you using. I had the same problem but since I change the timing settings on the board its all gone..

Vince.

> On Mar 18, 2016, at 4:17 PM, david10452@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
> I am having repeater issue.. I have setup my board as a full repeater when I boot up the program G4KLX
> it works for several qso then quits until I reboot everything..
> if I connect to a reflector it will run all day long and pass traffic thur my repeater ..but if some one
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> I ran it with just the GKMS program and not the gateway program and it does the same thing acting as a local repeater
> I did see an error message in the log that said
> "Error returned from recvfrom (port: 2001),err: 10054"
> I have this port open in the router and set to all types of traffic
> can some one help with this??
> Thanks

> Dave W2ACC

11942. Re: [gmsk_dv_node] Repeater issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-19 20:17:43 UTC
From: Vince P
Topic: 11934 Message: 11942
Attachments: 2 described; binary payloads are missing from this source WARC

Dave

There you go these settings should work for you. Let me know how you make out over the next few days. you will need NAWin CFG to apply the settings. Good Luck.

Vince.

> On Mar 19, 2016, at 12:09 AM, David Mette david10452@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
>
> Thanks Vince
>
>
> From: "Vince P ve3elb@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
> To: gmsk_dv_node@yahoogroups.com
> Sent: Friday, March 18, 2016 11:11 PM
> Subject: Re: [gmsk_dv_node] Repeater issue
>
>
> Dave.
>
> Tomorrow evening I will pull my controller out and get you a few screen shots of the settings. I will send them to you then.
>
> Hang In There
> Vince.
>
>
>> On Mar 18, 2016, at 11:03 PM, David Mette david10452@... <mailto:david10452@...> [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>> wrote:
>>
>>
>>
>> https://www.moencomm.com//StarBoard_usermanual2012Jun19.pdf <https://www.moencomm.com//StarBoard_usermanual2012Jun19.pdf>
>>
>> Vince
>> thanks for the reply.... this is the node adpt I am using
>> 73
>> Dave
>> W2ACC
>>
>>
>> From: "Vince P ve3elb@... <mailto:ve3elb@yahoo.com> [gmsk_dv_node]"

<gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>>
>> To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>
>> Sent: Friday, March 18, 2016 10:52 PM
>> Subject: Re: [gmsk_dv_node] Repeater issue
>>
>>
>> Hello Dave.
>>
>> The problem is with the GSMK Node not with software. its the timing setting in the boards firmware.. Which GSMK Board are you using. I had the same problem but since I change the timing settings on the board its all gone..
>>
>> Vince.
>>
>> > On Mar 18, 2016, at 4:17 PM, david10452@... <mailto:david10452@...> [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>> wrote:
>> >
>> > I am having repeater issue.. I have setup my board as a full repeater when I boot up the program G4KLX
>> > it works for several qso then quits until I reboot everything..
>> > if I connect to a reflector it will run all day long and pass traffic thur my repeater ..but if some one
>> > on the local side tries to tx it will quit. after a couple qsos
>> > I ran it with just the GKMS program and not the gateway program and it does the same thing acting as a local repeater
>> > I did see an error message in the log that said
>> > "Error returned from recvfrom (port: 2001),err: 10054"
>> > I have this port open in the router and set to all types of traffic
>> > can some one help with this??
>> > Thanks
>> > Dave W2ACC
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11943. Re: [gmsk_dv_node] Repeater issue [2 Attachments]

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-19 21:01:29 UTC
From: David Mette
Topic: 11934 Message: 11943
Attachments: 2 described; binary payloads are missing from this source WARC

Thanks VinceI made the changes and it did run longer but still stops it is like it time out and does not reset...boy thought it was the fix bummerthanks for the help anywayDaveW2ACC

From: "Vince P ve3elb@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Saturday, March 19, 2016 4:17 PM
Subject: Re: [gmsk_dv_node] Repeater issue [2 Attachments]

[Attachment(s) from Vince P included below] Dave
There you go these settings should work for you. Let me know how you make out over the next few days. you will need NAWin CFG to apply the settings. Good Luck.

Vince.

On Mar 19, 2016, at 12:09 AM, David Mette david10452@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

Thanks Vince

From: "Vince P ve3elb@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Friday, March 18, 2016 11:11 PM
Subject: Re: [gmsk_dv_node] Repeater issue

Dave.
Tomorrow evening I will pull my controller out and get you a few screen shots of the settings. I will send them to you then.
Hang In ThereVince.

On Mar 18, 2016, at 11:03 PM, David Mette david10452@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

https://www.moencomm.com//StarBoard_usermanual2012Jun19.pdf
Vincethanks for the reply.... this is the node adpt I am using73DaveW2ACC

From: "Vince P ve3elb@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Friday, March 18, 2016 10:52 PM
Subject: Re: [gmsk_dv_node] Repeater issue

Hello Dave.

The problem is with the GSMK Node not with software. its the timing setting in the boards firmware.. Which GSMK Board are you using. I had the same problem but since I change the timing settings on the board its all gone..

Vince.

> On Mar 18, 2016, at 4:17 PM, david10452@... [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com> wrote:
>
> I am having repeater issue.. I have setup my board as a full repeater when I boot up the program G4KLX
> it works for several qso then quits until I reboot everything..
> if I connect to a reflector it will run all day long and pass traffic thur my repeater ..but if some one
> on the local side tries to tx it will quit. after a couple qsos
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> I did see an error message in the log that said
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> I have this port open in the router and set to all types of traffic
> can some one help with this??
> Thanks
> Dave W2ACC

11944. Re: [gmsk_dv_node] Repeater issue [2 Attachments]

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-19 21:19:02 UTC
From: Vince P
Topic: 11934 Message: 11944

Dave are you running it on a raspi or pc. These settings work for my raspi. I had the same issue but since I input these it has been working 100% for almost a year. If you are using a OC you may want to up the settings a bit. One more thing if you are using a raspi be sure to have the unit plugged in the bottom USB port to the right of the RJ45 connector.

Vince.

> On Mar 19, 2016, at 5:01 PM, David Mette david10452@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
> [Attachment(s) from David Mette included below]
> Thanks Vince
> I made the changes and it did run longer but still stops it is like it time out and does not
> reset...boy thought it was the fix bummer
> thanks for the help anyway
> Dave
> W2ACC
>
>
> From: "Vince P ve3elb@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
> To: gmsk_dv_node@yahoogroups.com
> Sent: Saturday, March 19, 2016 4:17 PM
> Subject: Re: [gmsk_dv_node] Repeater issue [2 Attachments]
>
>
> [Attachment(s) from Vince P included below]
> Dave
>
> There you go these settings should work for you. Let me know how you make out over the next few days. you will need NAWin CFG to apply the settings. Good Luck.
>
>
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>
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>
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> Vince.
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>> On Mar 19, 2016, at 12:09 AM, David Mette david10452@... [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com> wrote:
>>
>>
>>
>> Thanks Vince
>>
>>
>> From: "Vince P ve3elb@yahoo.com [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
>> To: gmsk_dv_node@yahoogroups.com
>> Sent: Friday, March 18, 2016 11:11 PM
>> Subject: Re: [gmsk_dv_node] Repeater issue
>>
>>
>> Dave.
>>
>> Tomorrow evening I will pull my controller out and get you a few screen shots of the
settings. I will send them to you then.
>>
>> Hang In There
>> Vince.
>>
>>
>>> On Mar 18, 2016, at 11:03 PM, David Mette david10452@... [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com> wrote:
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>>> https://www.moencomm.com//StarBoard_usermanual2012Jun19.pdf
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>>> Vince
>>> thanks for the reply.... this is the node adpt I am using
>>> 73
>>> Dave
>>> W2ACC
>>>
>>>
>>> From: "Vince P ve3elb@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
>>> To: gmsk_dv_node@yahoogroups.com
>>> Sent: Friday, March 18, 2016 10:52 PM
>>> Subject: Re: [gmsk_dv_node] Repeater issue
>>>
>>>
>>> Hello Dave.
>>>
>>> The problem is with the GSMK Node not with software. its the timing setting in the
boards firmware.. Which GSMK Board are you using. I had the same problem but since I change
the timing settings on the board its all gone..
>>>
>>> Vince.

>>>
>>> > On Mar 18, 2016, at 4:17 PM, david10452@... [gmsk_dv_node]
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>>> > I am having repeater issue.. I have setup my board as a full repeater when I boot up
the program G4KLX
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>>> > Thanks
>>> > Dave W2ACC
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11945. Re: [gmsk_dv_node] Repeater issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-19 22:28:57 UTC
From: David Mette
Topic: 11934 Message: 11945

VinceI am running it on a pc running windows 7 32 bit I am going to up them and see what happensI am think about leaving the timeout blank and see what happens I have time out timer in the radioso I am not worried about the radio73Dave

From: "Vince P ve3elb@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Saturday, March 19, 2016 5:19 PM
Subject: Re: [gmsk_dv_node] Repeater issue

  Dave are you running it on a raspi or pc. These settings work for my raspi. I had the same issue but since I input these it has been working 100% for almost a year. If you are using a OC you may want to up the settings a bit. One more thing if you are using a raspi be sure to have the unit plugged in the bottom USB port to the right of the RJ45 connector.
Vince.

On Mar 19, 2016, at 5:01 PM, David Mette david10452@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

  Thanks VinceI made the changes and it did run longer but still stops   it is like it time out and does not reset...boy thought it was the fix bummerthanks for the help anywayDaveW2ACC

From: "Vince P ve3elb@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Saturday, March 19, 2016 4:17 PM
Subject: Re: [gmsk_dv_node] Repeater issue [2 Attachments]

  [Attachment(s) from Vince P included below] Dave
There you go these settings should work for you. Let me know how you make out over the next few days. you will need NAWin CFG to apply the settings. Good Luck.

Vince.

On Mar 19, 2016, at 12:09 AM, David Mette david10452@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

Thanks Vince

From: "Vince P ve3elb@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Friday, March 18, 2016 11:11 PM
Subject: Re: [gmsk_dv_node] Repeater issue

  Dave.
Tomorrow evening I will pull my controller out and get you a few screen shots of the settings. I will send them to you then.
Hang In ThereVince.

On Mar 18, 2016, at 11:03 PM, David Mette david10452@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

https://www.moencomm.com//StarBoard_usermanual2012Jun19.pdf
Vincethanks for the reply.... this is the node adpt I am using73DaveW2ACC

From: "Vince P ve3elb@yahoo.com [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Friday, March 18, 2016 10:52 PM
Subject: Re: [gmsk_dv_node] Repeater issue

  Hello Dave.

The problem is with the GSMK Node not with software. its the timing setting in the boards firmware.. Which GSMK Board are you using. I had the same problem but since I change the timing settings on the board its all gone..

Vince.

> On Mar 18, 2016, at 4:17 PM, david10452@... [gmsk_dv_node] <gmsk_dv_node@...m> wrote:
>
> I am having repeater issue.. I have setup my board as a full repeater when I boot up the program G4KLX
> it works for several qso then quits until I reboot everything..
> if I connect to a reflector it will run all day long and pass traffic thur my repeater ..but if some one
> on the local side tries to tx it will quit. after a couple qsos
> I ran it with just the GKMS program and not the gateway program and it does the same thing acting as a local repeater
> I did see an error message in the log that said
> "Error returned from recvfrom (port: 2001),err: 10054"
> I have this port open in the router and set to all types of traffic
> can some one help with this??
> Thanks
> Dave W2ACC

11946. Re: [gmsk_dv_node] Help with Hot Spot Issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-19 22:57:15 UTC
From: R. Niles Vaught
Topic: 11922 Message: 11946

Thank you, the 51 plus and the 7100 now can decode the hot spot! The 9100 and 880 never had a problem.
73
NilesK4RNV

On Friday, March 18, 2016 10:41 PM, "Dave Webb KB1PVH kb1pvh@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

  Niles,Dutch-Star website http://www.dutch-star.eu/software/Dave-KB1PVH
Sent from my Galaxy S4

11947. Updating Relector Lists

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-19 23:35:12 UTC
From: iba9241@...
Topic: 11947 Message: 11947

Firstly, I apologize if I have posted this in the wrong forum. Perhaps someone can point me to the proper one.

I am running the latest version of WinDV (DV Node) on a Windows machine and using a ThumbDV dongle. How do I update the reflector lists in the software?

I am trying to connect to XRF021B and the software times out. I know this reflector's IP address changed within the past 3 or 4 months, so I am sure the software is pulling old information.

Are there updated host files somewhere?

Thanks for any and all help, and again, I apologize if this is in the wrong place.

73
Gord - VA3TWT

11948. Re: [gmsk_dv_node] Updating Relector Lists

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-19 23:47:29 UTC
From: Dave Webb KB1PVH
Topic: 11947 Message: 11948

Adrian does a great job of keeping up with things.

http://vk4tux.duckdns.org/OD/DPlus_Hosts.txt

http://vk4tux.duckdns.org/OD/DExtra_Hosts.txt

Dave-KB1PVH

Sent from my Galaxy S4

11949. RE: [gmsk_dv_node] totaly new to GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-20 03:41:28 UTC
From: n8pxe@...
Topic: 11899 Message: 11949

Hello Jim and All,
Just getting back to this project. I have the image on the pi and all ok. Can't seem to get the Adriano to program. down loaded the x-loader and the hex file twice. Still no luck. I do have the pin off the shield or does the pin come off the Adriano board? What am I missing?

11950. Re: [gmsk_dv_node] totaly new to GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-20 03:55:19 UTC
From: Vince P
Topic: 11899 Message: 11950

If you are using Jim's Star board. It plugs right into the raspberry Pi. No need for the Adriano.

> On Mar 19, 2016, at 11:41 PM, n8pxe@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
> Hello Jim and All,
>
> Just getting back to this project. I have the image on the pi and all ok. Can't seem to get the Adriano to program. down loaded the x-loader and the hex file twice. Still no luck. I do have the pin off the shield or does the pin come off the Adriano board? What am I missing?
>
>

11951. Re: [gmsk_dv_node] totaly new to GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-20 04:04:35 UTC
From: n8pxe@...
Topic: 11899 Message: 11951

no I have the dv-mega gmsk modem set.

11952. Re: [gmsk_dv_node] totaly new to GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-20 07:34:47 UTC
From: Guus Van Dooren
Topic: 11899 Message: 11952

Hello,
You have to remove the jumper from the shield while loading new firmware.
Please here is rhe link to the manual
http://www.dvmega.auria.nl/images/DVMEGA%20GMSK%20Manual.pdf
Regards, Guus

11953. Re: [gmsk_dv_node] Repeater issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-20 13:29:32 UTC
From: David Mette
Topic: 11934 Message: 11953

VinceI set the time out timer to 0 and it talked for quit awhile but eventually quitI and going to do a complete clean and reload to make sure that one of the previous programs is not hiding in the background causing my problem I have tried winDV and Condvlet you know how it goes73Dave W2ACC

From: "Vince P ve3elb@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Saturday, March 19, 2016 5:19 PM
Subject: Re: [gmsk_dv_node] Repeater issue

Dave are you running it on a raspi or pc. These settings work for my raspi. I had the same issue but since I input these it has been working 100% for almost a year. If you are using a OC you may want to up the settings a bit. One more thing if you are using a raspi be sure to have the unit plugged in the bottom USB port to the right of the RJ45 connector.
Vince.

On Mar 19, 2016, at 5:01 PM, David Mette david10452@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

Thanks VinceI made the changes and it did run longer but still stops it is like it time out and does not reset...boy thought it was the fix bummerthanks for the help anywayDaveW2ACC

From: "Vince P ve3elb@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Saturday, March 19, 2016 4:17 PM
Subject: Re: [gmsk_dv_node] Repeater issue [2 Attachments]

[Attachment(s) from Vince P included below] Dave
There you go these settings should work for you. Let me know how you make out over the next few days. you will need NAWin CFG to apply the settings. Good Luck.

Vince.

On Mar 19, 2016, at 12:09 AM, David Mette david10452@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

Thanks Vince

From: "Vince P ve3elb@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Friday, March 18, 2016 11:11 PM
Subject: Re: [gmsk_dv_node] Repeater issue

Dave.
Tomorrow evening I will pull my controller out and get you a few screen shots of the settings. I will send them to you then.

Hang In ThereVince.

On Mar 18, 2016, at 11:03 PM, David Mette david10452@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

https://www.moencomm.com//StarBoard_usermanual2012Jun19.pdf
Vincethanks for the reply.... this is the node adpt I am using73DaveW2ACC

From: "Vince P ve3elb@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Friday, March 18, 2016 10:52 PM
Subject: Re: [gmsk_dv_node] Repeater issue

  Hello Dave.

The problem is with the GSMK Node not with software. its the timing setting in the boards firmware.. Which GSMK Board are you using. I had the same problem but since I change the timing settings on the board its all gone..

Vince.

> On Mar 18, 2016, at 4:17 PM, david10452@yahoo.com [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
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> I am having repeater issue.. I have setup my board as a full repeater when I boot up the program G4KLX
> it works for several qso then quits until I reboot everything..
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> I did see an error message in the log that said
> "Error returned from recvfrom (port: 2001),err: 10054"
> I have this port open in the router and set to all types of traffic
> can some one help with this??
> Thanks
> Dave W2ACC

11954. Re: [gmsk_dv_node] Repeater issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-20 20:48:23 UTC
From: Vince P
Topic: 11934 Message: 11954

Dave
If you have a raspberry Pi try it I am using the Maryland Dstar image and have been working without any issues give it a try.

Vince.

> On Mar 20, 2016, at 9:29 AM, David Mette david10452@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
> Vince
> I set the time out timer to 0 and it talked for quit awhile but eventually quit
> I and going to do a complete clean and reload to make sure that one of the previous
> programs is not hiding in the background causing my problem I have tried winDV and Condv
> let you know how it goes
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> Dave W2ACC
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> From: "Vince P ve3elb@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
> To: gmsk_dv_node@yahoogroups.com
> Sent: Saturday, March 19, 2016 5:19 PM
> Subject: Re: [gmsk_dv_node] Repeater issue
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> Dave are you running it on a raspi or pc. These settings work for my raspi. I had the same issue but since I input these it has been working 100% for almost a year. If you are using a OC you may want to up the settings a bit. One more thing if you are using a raspi be sure to have the unit plugged in the bottom USB port to the right of the RJ45 connector.
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> Vince.
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>> reset...boy thought it was the fix bummer
>> thanks for the help anyway
>> Dave
>> W2ACC
>>

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>> From: "Vince P ve3elb@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
>> To: gmsk_dv_node@yahoogroups.com
>> Sent: Saturday, March 19, 2016 4:17 PM
>> Subject: Re: [gmsk_dv_node] Repeater issue [2 Attachments]
>>
>>
>> [Attachment(s) from Vince P included below]
>> Dave
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>> There you go these settings should work for you. Let me know how you make out over the next few days. you will need NAWin CFG to apply the settings. Good Luck.
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>>> To: gmsk_dv_node@yahoogroups.com
>>> Sent: Friday, March 18, 2016 11:11 PM
>>> Subject: Re: [gmsk_dv_node] Repeater issue
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>>> Dave.
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>>> Tomorrow evening I will pull my controller out and get you a few screen shots of the settings. I will send them to you then.
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>>> Vince.
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>>>> On Mar 18, 2016, at 11:03 PM, David Mette david10452@... [gmsk_dv_node]

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>>>> To: gmsk_dv_node@yahoogroups.com
>>>> Sent: Friday, March 18, 2016 10:52 PM
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>>>> Hello Dave.
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>>>> > Thanks
>>>> > Dave W2ACC
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>

11955. Re: [gmsk_dv_node] Repeater issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-20 20:49:52 UTC
From: chipmckcmo@...
Topic: 11934 Message: 11955

Dave,
I also use the Maryland image and it worked the first time and continues to work with no issues.
Chip
WB0LBZ

In a message dated 3/20/2016 3:48:31 P.M. Central Daylight Time, gmsk_dv_node@yahoogroups.com writes:

Dave
If you have a raspberry Pi try it I am using the Maryland Dstar image and have been working without any issues give it a try.

Vince.

On Mar 20, 2016, at 9:29 AM, David Mette _david10452@..._ (mailto:david10452@...) [gmsk_dv_node] <_gmsk_dv_node@yahoogroups.com_ (mailto:gmsk_dv_node@yahoogroups.com) > wrote:

Vince
I set the time out timer to 0 and it talked for quit awhile but eventually quit
I and going to do a complete clean and reload to make sure that one of the previous
programs is not hiding in the background causing my problem I have tried winDV and Condv
let you know how it goes
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Dave W2ACC

_____
From: "Vince P _ve3elb@..._ (mailto:ve3elb@...) [gmsk_dv_node]" <_gmsk_dv_node@yahoogroups.com_ (mailto:gmsk_dv_node@yahoogroups.com) >
To: _gmsk_dv_node@yahoogroups.com_ (mailto:gmsk_dv_node@yahoogroups.com)
Sent: Saturday, March 19, 2016 5:19 PM
Subject: Re: [gmsk_dv_node] Repeater issue

Dave are you running it on a raspi or pc. These settings work for my raspi. I had the same issue but since I input these it has been working 100% for almost a year. If you are using a OC you may want to up the settings a bit. One more thing if you are using a raspi be sure to have the unit plugged in the bottom USB port to the right of the RJ45 connector.

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thanks for the help anyway
Dave
W2ACC

From: "Vince P _ve3elb@..._ (mailto:ve3elb@...)
[gmsk_dv_node]" <_gmsk_dv_node@yahoogroups.com_ (mailto:gmsk_dv_node@yahoogroups.com) >
To: _gm sk_dv_node@yahoogroups.com_ (mailto:gmsk_dv_node@yahoogroups.com)
Sent: Saturday, March 19, 2016 4:17 PM
Subject: Re: [gmsk_dv_node] Repeater issue [2 Attachments]

[_Attachment(s)_
(https://us-mg5.mail.yahoo.com/neo/launch?.rand=0p5jkdafk4v6k#TopText) from Vince P
included below]
Dave

There you go these settings should work for you. Let me know how you make
out over the next few days. you will need NAWin CFG to apply the settings.
Good Luck.

Vince.

On Mar 19, 2016, at 12:09 AM, David Mette _david10452@..._
(mailto:david10452@...) [gmsk_dv_node] <_gmsk_dv_node@yahoogroups.com_
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Thanks Vince

From: "Vince P _ve3elb@..._ (mailto:ve3elb@yahoo.com)
[gmsk_dv_node]" <_gmsk_dv_node@yahoogroups.com_
(mailto:gmsk_dv_%20node@yahoogroups.com) >
To: _gmsk_dv_node@yahoogroups.com_ (mailto:gmsk_dv_node@yahoogroups.com)
Sent: Friday, March 18, 2016 11:11 PM
Subject: Re: [gmsk_dv_node] Repeater issue

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Hang In There
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thanks for the reply.... this is the node adpt I am using
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[gmsk_dv_node]" <_gmsk_dv_node@yahoogroups.com_ (mailto:gmsk%20_dv_node@yahoogroups.com)
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Subject: Re: [gmsk_dv_node] Repeater issue

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> Thanks
> Dave W2ACC

11956. Re: [gmsk_dv_node] Repeater issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-20 21:24:42 UTC
From: David Mette
Topic: 11934 Message: 11956

Hi Vince and JimI reloaded the PC and loaded KB9KHM ver 2.57 and it runs perfectbut here is my issue it will only let me connect to the ref reflectors no repeatersthis was what I was trying to improve by going to the the other software packagedo you know if there are any add ons to this program that allow access to the otherreflectors and repeatersthanksDave

From: "Vince P ve3elb@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Sunday, March 20, 2016 4:48 PM
Subject: Re: [gmsk_dv_node] Repeater issue

Dave If you have a raspberry Pi try it I am using the Maryland Dstar image and have been working without any issues give it a try.
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On Mar 20, 2016, at 9:29 AM, David Mette david10452@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

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Sent: Saturday, March 19, 2016 5:19 PM
Subject: Re: [gmsk_dv_node] Repeater issue

Dave are you running it on a raspi or pc. These settings work for my raspi. I had the same issue but since I input these it has been working 100% for almost a year. If you are using a OC you may want to up the settings a bit. One more thing if you are using a raspi be sure to have the unit plugged in the bottom USB port to the right of the RJ45 connector.
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Subject: Re: [gmsk_dv_node] Repeater issue [2 Attachments]

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Subject: Re: [gmsk_dv_node] Repeater issue

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> can some one help with this??
> Thanks
> Dave W2ACC

11957. Re: [gmsk_dv_node] Repeater issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-20 23:52:35 UTC
From: Vince P
Topic: 11934 Message: 11957

Dave.

I had the same problems when I setup my repeater last year. I moved to the raspberry Pi and have not been any happier.

> On Mar 20, 2016, at 5:24 PM, David Mette david10452@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
> Hi Vince and Jim
> I reloaded the PC and loaded KB9KHM ver 2.57 and it runs perfect
> but here is my issue it will only let me connect to the ref reflectors no repeaters
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>>> To: gmsk_dv_node@yahoogroups.com
>>> Sent: Saturday, March 19, 2016 4:17 PM
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11958. Re: [gmsk_dv_node] Repeater issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-21 00:32:58 UTC
From: David Mette
Topic: 11934 Message: 11958

VinceThanksI guess I am headed that way.. i am much better with windows than the Pi but I see some can run widows10 but then that would be a new OS for me also.. I inherited this project..now I understand why73Dave

From: "Vince P ve3elb@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Sunday, March 20, 2016 7:52 PM
Subject: Re: [gmsk_dv_node] Repeater issue

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To: gmsk_dv_node@yahoogroups.com
Sent: Sunday, March 20, 2016 4:48 PM
Subject: Re: [gmsk_dv_node] Repeater issue

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To: gmsk_dv_node@yahoogroups.com
Sent: Saturday, March 19, 2016 5:19 PM
Subject: Re: [gmsk_dv_node] Repeater issue

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To: gmsk_dv_node@yahoogroups.com
Sent: Saturday, March 19, 2016 4:17 PM
Subject: Re: [gmsk_dv_node] Repeater issue [2 Attachments]

[Attachment(s) from Vince P included below] Dave
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> I have this port open in the router and set to all types of traffic
> can some one help with this??
> Thanks
> Dave W2ACC

11959. Re: [gmsk_dv_node] totaly new to GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-21 02:14:23 UTC
From: n8pxe@...
Topic: 11899 Message: 11959

I have done that as well. I have even removed the board. It seems no mater how I set this it will not program. Can this be a windows 10 problem?

11960. Re: [gmsk_dv_node] Repeater issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-21 02:50:17 UTC
From: Vince P
Topic: 11934 Message: 11960

Dave.

Trust me using the raspi is way easier. All you have to do is burn the image to a card plug it in turn it on and set it up. Get the Maryland Dstar image and also get the setup manual from the page. It's easy as 1.2.3 done.

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11961. Re: [gmsk_dv_node] Repeater issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-21 13:00:42 UTC
From: David Mette
Topic: 11934 Message: 11961

VinceI read thru the Maryland setup and have a question will this work as a repeater not a hotspotmy setup will be a remote tower site running a full homebrew repeater73Dave

From: "Vince P ve3elb@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Sunday, March 20, 2016 10:50 PM
Subject: Re: [gmsk_dv_node] Repeater issue

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11962. Re: [gmsk_dv_node] Repeater issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-21 13:19:05 UTC
From: Vince P
Topic: 11934 Message: 11962

Dave.

Yes you will have a full repeater setup with full remote access via VNC

Vince.

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>>>>>>> https://www.moencomm.com//StarBoard_usermanual2012Jun19.pdf
>>>>>>>
>>>>>>> Vince
>>>>>>> thanks for the reply.... this is the node adpt I am using
>>>>>>> 73
>>>>>>> Dave
>>>>>>> W2ACC
>>>>>>>
>>>>>>>
>>>>>>> From: "Vince P ve3elb@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
>>>>>>> To: gmsk_dv_node@yahoogroups.com
>>>>>>> Sent: Friday, March 18, 2016 10:52 PM
>>>>>>> Subject: Re: [gmsk_dv_node] Repeater issue
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>>>>>>> Hello Dave.

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>>>>>>> > I have this port open in the router and set to all types of traffic
>>>>>>> > can some one help with this??
>>>>>>> > Thanks
>>>>>>> > Dave W2ACC
>
>
>
>

11964. Fw: new message

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-23 17:58:30 UTC
From: <dan@...>
Topic: 11964 Message: 11964

Hey!

Open message <http://ibedaya.com/according.php?ro>

dan@...

11965. Re: [gmsk_dv_node] Repeater issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-23 20:05:16 UTC
From: David Mette
Topic: 11934 Message: 11965

Hi VinceWell this is not going well I downloaded the the Marylaand D-star to my Pithat went very well I think.. following the step by step guide is where things went souththe first thing on the list was the VCN viewer that did not appear on the desktopso moving on i clicked config repeaterone it said repeaterone was not enabledopen a LX window and type "repeaterone enable" and that is where thing went wrongit does not like the command any ideaDave

From: "Vince P ve3elb@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Monday, March 21, 2016 9:19 AM
Subject: Re: [gmsk_dv_node] Repeater issue

  Dave.
Yes you will have a full repeater setup with full remote access via VNC
Vince.
On Mar 21, 2016, at 9:00 AM, David Mette david10452@... [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com> wrote:

  VinceI read thru the Maryland setup and have a question will this work as a repeater
 not a hotspotmy setup will be a remote tower site running a full homebrew repeater73Dave

From: "Vince P ve3elb@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Sunday, March 20, 2016 10:50 PM
Subject: Re: [gmsk_dv_node] Repeater issue

  Dave.
Trust me using the raspi is way easier. All you have to do is burn the image to a card plug it in turn it on and set it up. Get the Maryland Dstar image and also get the setup manual from the page. It's easy as 1.2.3 done.

Vince.

On Mar 20, 2016, at 8:32 PM, David Mette david10452@... [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com> wrote:

  VinceThanksI guess I am headed that way.. i am much better with windows than the Pi but I see some can run widows10 but then that would be a new OS for me also.. I inherited this project..now I understand why73Dave

From: "Vince P ve3elb@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
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Sent: Sunday, March 20, 2016 7:52 PM
Subject: Re: [gmsk_dv_node] Repeater issue

  Dave.
I had the same problems when I setup my repeater last year. I moved to the raspberry Pi and

have not been any happier.
On Mar 20, 2016, at 5:24 PM, David Mette david10452@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

Hi Vince and JimI reloaded the PC and loaded KB9KHM ver 2.57 and it runs perfectbut here is my issue it will only let me connect to the ref reflectors no repeatersthis was what I was trying to improve by going to the the other software packagedo you know if there are any add ons to this program that allow access to the otherreflectors and repeatersthanksDave

From: "Vince P ve3elb@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Sunday, March 20, 2016 4:48 PM
Subject: Re: [gmsk_dv_node] Repeater issue

Dave If you have a raspberry Pi try it I am using the Maryland Dstar image and have been working without any issues give it a try.
Vince.
On Mar 20, 2016, at 9:29 AM, David Mette david10452@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

VinceI set the time out timer to 0 and it talked for quit awhile but eventually quitI and going to do a complete clean and reload to make sure that one of the previous programs is not hiding in the background causing my problem I have tried winDV and Condvlet you know how it goes73Dave W2ACC

From: "Vince P ve3elb@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Saturday, March 19, 2016 5:19 PM
Subject: Re: [gmsk_dv_node] Repeater issue

Dave are you running it on a raspi or pc. These settings work for my raspi. I had the same issue but since I input these it has been working 100% for almost a year. If you are using a OC you may want to up the settings a bit. One more thing if you are using a raspi be sure to have the unit plugged in the bottom USB port to the right of the RJ45 connector.
Vince.

On Mar 19, 2016, at 5:01 PM, David Mette david10452@yahoo.com [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

Thanks VinceI made the changes and it did run longer but still stops it is like it time out and does not reset...boy thought it was the fix bummerthanks for the help anywayDaveW2ACC

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Subject: Re: [gmsk_dv_node] Repeater issue [2 Attachments]

[Attachment(s) from Vince P included below] Dave
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Vince.

On Mar 19, 2016, at 12:09 AM, David Mette david10452@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

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Subject: Re: [gmsk_dv_node] Repeater issue

Dave.
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Hang In ThereVince.

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11966. Re: [gmsk_dv_node] Repeater issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-23 20:44:06 UTC
From: Vince P
Topic: 11934 Message: 11966

Dave.

The LX Terminal commands are case sensitive. Be sure to type it as its shown.

RepeaterOne enable

> On Mar 23, 2016, at 4:05 PM, David Mette david10452@... [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com> wrote:
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> Hi Vince
> Well this is not going well I downloaded the the Marylaand D-star to my Pi
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11967. Re: [gmsk_dv_node] Repeater issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-23 20:59:14 UTC
From: va3xjl@gmail.com
Topic: 11934 Message: 11967

Also VNC viewer is installed on your PC. Not intended to be found on the Pi.

John VA3WM / VA3XJL

Sent from my iPad Air 2

> On Mar 23, 2016, at 4:44 PM, Vince P ve3elb@... [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com> wrote:
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>>>>>>>>> On Mar 19, 2016, at 12:09 AM, David Mette david10452@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
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>>>>>>>>
>>>>>>>> Thanks Vince

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>>>>>>>> From: "Vince P ve3elb@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
>>>>>>>> To: gmsk_dv_node@yahoogroups.com
>>>>>>>> Sent: Friday, March 18, 2016 11:11 PM
>>>>>>>> Subject: Re: [gmsk_dv_node] Repeater issue
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>>>>>>>> Dave.
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>>>>>>>> Tomorrow evening I will pull my controller out and get you a few screen shots of the settings. I will send them to you then.
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>>>>>>>> Hang In There
>>>>>>>> Vince.
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>>>>>>>>> On Mar 18, 2016, at 11:03 PM, David Mette david10452@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>>>>>>>>>
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>>>>>>>>>
>>>>>>>>> https://www.moencomm.com//StarBoard_usermanual2012Jun19.pdf
>>>>>>>>>
>>>>>>>>> Vince
>>>>>>>>> thanks for the reply.... this is the node adpt I am using
>>>>>>>>> 73
>>>>>>>>> Dave
>>>>>>>>> W2ACC
>>>>>>>>>
>>>>>>>>>
>>>>>>>>> From: "Vince P ve3elb@yahoo.com [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
>>>>>>>>> To: gmsk_dv_node@yahoogroups.com
>>>>>>>>> Sent: Friday, March 18, 2016 10:52 PM
>>>>>>>>> Subject: Re: [gmsk_dv_node] Repeater issue
>>>>>>>>>
>>>>>>>>>
>>>>>>>>> Hello Dave.
>>>>>>>>>
>>>>>>>>> The problem is with the GSMK Node not with software. its the timing setting in the boards firmware.. Which GSMK Board are you using. I had the same problem but since I change the timing settings on the board its all gone..
>>>>>>>>>
>>>>>>>>> Vince.
>>>>>>>>>
>>>>>>>>> > On Mar 18, 2016, at 4:17 PM, david10452@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>>>>>>>>> >
>>>>>>>>> > I am having repeater issue.. I have setup my board as a full repeater when I boot up the program G4KLX

>>>>>>>>> > it works for several qso then quits until I reboot everything..
>>>>>>>>> > if I connect to a reflector it will run all day long and pass traffic thur my repeater ..but if some one
>>>>>>>>> > on the local side tries to tx it will quit. after a couple qsos
>>>>>>>>> > I ran it with just the GKMS program and not the gateway program and it does the same thing acting as a local repeater
>>>>>>>>> > I did see an error message in the log that said
>>>>>>>>> > "Error returned from recvfrom (port: 2001),err: 10054"
>>>>>>>>> > I have this port open in the router and set to all types of traffic
>>>>>>>>> > can some one help with this??
>>>>>>>>> > Thanks
>>>>>>>>> > Dave W2ACC
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11968. Re: [gmsk_dv_node] Repeater issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-24 01:56:07 UTC
From: Tony Ross
Topic: 11934 Message: 11968

On 03/23/2016 01:59 PM, 'va3xjl@...' va3xjl@...
[gmsk_dv_node] wrote:

> Also VNC viewer is installed on your PC. Not intended to be found on
> the Pi.

According to yourself perhaps, but not to the Pi repositories:

```
$ uname -m && apt-cache search vncviewer
armv6l
gtkvncviewer - Small GNOME VNC client
gvncviewer - VNC viewer using gtk-vnc
tightvncserver - virtual network computing server software
x2vnc - Link a VNC and an X display together, simulating a multiheaded
display
xtightvncviewer - virtual network computing client software for X
```

11969. Re: Mini Hotspot Rev C board no transmit

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-24 02:22:11 UTC
From: fozzyone@...
Topic: 10079 Message: 11969

Hi Graham

I had the same problem when setting mine up.
I gave up using the echo test in Natools.
And just used yhe echo test facility on the western dstar image for the raspberry pi.

Cheers
Paul

11970. Re: [gmsk_dv_node] totaly new to GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-24 11:22:31 UTC
From: n8pxe@...
Topic: 11899 Message: 11970

ok I think I have it all set up. One question. Did I miss something. I can use and analog non dstar radio for this project? or do I need a D-Star radio to run the DV-Mega GMSK Modem?

11971. Re: [gmsk_dv_node] totaly new to GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-24 11:43:05 UTC
From: Guus Van Dooren
Topic: 11899 Message: 11971

To run the hotspot you only need a analoge 9k6 capable transceiver. f.e. Yaesu FT7800.
To access the hotspot/network you need a D-Star radio ofcourse.

On Thursday, March 24, 2016 12:22 PM, "n8pxe@... [gmsk_dv_node]"
<gmsk_dv_node@yahoogroups.com> wrote:

ok I think I have it all set up. One question. Did I miss something. I can use and analog non dstar radio for this project? or do I need a D-Star radio to run the DV-Mega GMSK Modem?

11972. Re: [gmsk_dv_node] Repeater issue

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-24 15:57:19 UTC
From: David Mette
Topic: 11934 Message: 11972

VinceWOO HOO got it up and running thanks so much for the guidance it has been a struggleI have a couple of questionsis there a way to have it reboot every night at midnight ?and how do I get the dashboard used to be http://kd2hvc.gw.ircddb.net/that does not seem to work now73Dave W2ACC

From: "Vince P ve3elb@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Wednesday, March 23, 2016 4:44 PM
Subject: Re: [gmsk_dv_node] Repeater issue

Dave.
The LX Terminal commands are case sensitive. Be sure to type it as its shown.
RepeaterOne enable
On Mar 23, 2016, at 4:05 PM, David Mette david10452@... [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com> wrote:

Hi VinceWell this is not going well I downloaded the the Marylaand D-star to my Pithat went very well I think.. following the step by step guide is where things went souththe first thing on the list was the VCN viewer that did not appear on the desktopso moving on i clicked config repeaterone it said repeaterone was not enabledopen a LX window and type "repeaterone enable" and that is where thing went wrongit does not like the command any ideaDave

From: "Vince P ve3elb@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Monday, March 21, 2016 9:19 AM
Subject: Re: [gmsk_dv_node] Repeater issue

Dave.
Yes you will have a full repeater setup with full remote access via VNC
Vince.
On Mar 21, 2016, at 9:00 AM, David Mette david10452@... [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com> wrote:

VinceI read thru the Maryland setup and have a question will this work as a repeater not a hotspotmy setup will be a remote tower site running a full homebrew repeater73Dave

From: "Vince P ve3elb@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Sunday, March 20, 2016 10:50 PM
Subject: Re: [gmsk_dv_node] Repeater issue

Dave.
Trust me using the raspi is way easier. All you have to do is burn the image to a card plug it in turn it on and set it up. Get the Maryland Dstar image and also get the setup manual from the page. It's easy as 1.2.3 done.

Vince.

On Mar 20, 2016, at 8:32 PM, David Mette david10452@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

VinceThanksI guess I am headed that way.. i am much better with windows than the Pi but I see some can run widows10 but then that would be a new OS for me also.. I inherited this project..now I understand why73Dave

From: "Vince P ve3elb@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Sunday, March 20, 2016 7:52 PM
Subject: Re: [gmsk_dv_node] Repeater issue

Dave.
I had the same problems when I setup my repeater last year. I moved to the raspberry Pi and have not been any happier.
On Mar 20, 2016, at 5:24 PM, David Mette david10452@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

Hi Vince and JimI reloaded the PC and loaded KB9KHM ver 2.57 and it runs perfectbut here is my issue it will only let me connect to the ref reflectors no repeatersthis was what I was trying to improve by going to the the other software packagedo you know if there are any add ons to this program that allow access to the otherreflectors and repeatersthanksDave

From: "Vince P ve3elb@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Sunday, March 20, 2016 4:48 PM
Subject: Re: [gmsk_dv_node] Repeater issue

Dave If you have a raspberry Pi try it I am using the Maryland Dstar image and have been working without any issues give it a try.
Vince.
On Mar 20, 2016, at 9:29 AM, David Mette david10452@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

VinceI set the time out timer to 0 and it talked for quit awhile but eventually quitI and going to do a complete clean and reload to make sure that one of the previous programs is not hiding in the background causing my problem I have tried winDV and Condvlet you know how it goes73Dave W2ACC

From: "Vince P ve3elb@...m [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Saturday, March 19, 2016 5:19 PM
Subject: Re: [gmsk_dv_node] Repeater issue

Dave are you running it on a raspi or pc. These settings work for my raspi. I had the same issue but since I input these it has been working 100% for almost a year. If you are using a OC you may want to up the settings a bit. One more thing if you are using a raspi be sure to have the unit plugged in the bottom USB port to the right of the RJ45 connector.
Vince.

On Mar 19, 2016, at 5:01 PM, David Mette david10452@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

Thanks VinceI made the changes and it did run longer but still stops it is like it time out and does not reset...boy thought it was the fix bummerthanks for the help anywayDaveW2ACC

From: "Vince P ve3elb@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Saturday, March 19, 2016 4:17 PM
Subject: Re: [gmsk_dv_node] Repeater issue [2 Attachments]

[Attachment(s) from Vince P included below] Dave
There you go these settings should work for you. Let me know how you make out over the next few days. you will need NAWin CFG to apply the settings. Good Luck.

Vince.

On Mar 19, 2016, at 12:09 AM, David Mette david10452@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

Thanks Vince

From: "Vince P ve3elb@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Friday, March 18, 2016 11:11 PM
Subject: Re: [gmsk_dv_node] Repeater issue

Dave.
Tomorrow evening I will pull my controller out and get you a few screen shots of the settings. I will send them to you then.
Hang In ThereVince.

On Mar 18, 2016, at 11:03 PM, David Mette david10452@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

https://www.moencomm.com//StarBoard_usermanual2012Jun19.pdf
Vincethanks for the reply.... this is the node adpt I am using73DaveW2ACC

From: "Vince P ve3elb@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Friday, March 18, 2016 10:52 PM
Subject: Re: [gmsk_dv_node] Repeater issue

Hello Dave.

The problem is with the GSMK Node not with software. its the timing setting in the boards firmware.. Which GSMK Board are you using. I had the same problem but since I change the timing settings on the board its all gone..

Vince.

> On Mar 18, 2016, at 4:17 PM, david10452@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>

> I am having repeater issue.. I have setup my board as a full repeater when I boot up the program G4KLX
> it works for several qso then quits until I reboot everything..
> if I connect to a reflector it will run all day long and pass traffic thur my repeater ..but if some one
> on the local side tries to tx it will quit. after a couple qsos
> I ran it with just the GKMS program and not the gateway program and it does the same thing acting as a local repeater
> I did see an error message in the log that said
> "Error returned from recvfrom (port: 2001),err: 10054"
> I have this port open in the router and set to all types of traffic
> can some one help with this??
> Thanks
> Dave W2ACC

11974. Re: [gmsk_dv_node] totaly new to GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-24 17:00:45 UTC
From: Dennis Hitzigrath
Topic: 11899 Message: 11974
Attachments: 1 described; binary payloads are missing from this source WARC

Hi!

Does the analog radio need to be using the packet in 9600? I read somewhere that the bandwidth needs to be reduced to 12.5 kHz, is 9600 bps possible with that bandwidth? I am confused… Does anything need to be configured on the radio? I am using a FT-8800R. There is a small 9600 reading on the display and I changed the BW to 12.5 because i could not hear myself on the IC-51D until I changed that-

Thanks,

73,
Dennis
XE1/N4DMH

El 24/03/2016, a las 05:43, Guus Van Dooren guusvandooren@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> escribió:

>
> To run the hotspot you only need a analoge 9k6 capable transceiver. f.e. Yaesu FT7800.
>
> To access the hotspot/network you need a D-Star radio ofcourse.
>
>
>
> On Thursday, March 24, 2016 12:22 PM, "n8pxe@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:
>
>
>
> ok I think I have it all set up. One question. Did I miss something. I can use and analog non dstar radio for this project? or do I need a D-Star radio to run the DV-Mega GMSK Modem?
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11981. Re: [gmsk_dv_node] totaly new to GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-25 07:28:33 UTC
From: Guus Van Dooren
Topic: 11899 Message: 11981

12.5 Khz is fine, D-Star is only 6.25. Without propper equipment the best way to adjust the TX level is listen on a anloge transceiver to your IC-51D and compare the level with your modem. In fact D-Star is only 4800 bps. (3600 voice and 1200 data) And yes you can use a 1:1 cable from modem to the 9K6 mini DIN on your transceiver.

On Thursday, March 24, 2016 6:00 PM, "Dennis Hitzigrath d@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

Hi!
Does the analog radio need to be using the packet in 9600? I read somewhere that the bandwidth needs to be reduced to 12.5 kHz, is 9600 bps possible with that bandwidth? I am confused… Does anything need to be configured on the radio? I am using a FT-8800R. There is a small 9600 reading on the display and I changed the BW to 12.5 because i could not hear myself on the IC-51D until I changed that-
Thanks,
73,Dennis XE1/N4DMH
El 24/03/2016, a las 05:43, Guus Van Dooren guusvandooren@yahoo.com [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> escribió:

To run the hotspot you only need a analoge 9k6 capable transceiver. f.e. Yaesu FT7800.
To access the hotspot/network you need a D-Star radio ofcourse.

On Thursday, March 24, 2016 12:22 PM, "n8pxe@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

 ok I think I have it all set up. One question. Did I miss something. I can use and analog non dstar radio for this project? or do I need a D-Star radio to run the DV-Mega GMSK Modem?

11982. Fixed: new important message

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-26 09:01:19 UTC
From: J. M. Moen
Topic: 11982 Message: 11982

Dan's been a member of this group since 2008, so his pc probably just got a virus. I have put the account on moderation until he can get that corrected.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Friday, March 18, 2016 12:14 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Fw: new important message
spam. -!!!!!

Cheers
Paul.___

Posted by: Paul Foster <fozzyone@...>

'___

11983. RE: [gmsk_dv_node] totaly new to GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-26 08:54:05 UTC
From: J. M. Moen
Topic: 11899 Message: 11983

Dennis – As you can see from Guus's post, your FT-8800R will be a good choice as the analog radio for a GMSK modem Hotspot.

By the way, Guus is one of my heros in the amateur radio digital voice world. Guus is the man behind the DVMEGA group of products. See http://www.dvmega.auria.nl/

DVMEGA products have a creative design and just plain work great. I have a DVMEGA Dualband Radio, which with an expensive Arduino Uno makes a really reliable and inexpensive low power access point or hotspot. This is an alternative to the traditional "DVAP".

Anyway, back to Dennis' FT-8800R. The main issue when choosing an analog transceiver is the radio must let you get the RX audio directly from the discriminator without any audio filtering, and the modem must be able to send the TX audio directly to the FM modulator. D-Star uses GMSK modulation, and that uses quite low frequencies that normally would be filtered out in the audio chain, but not in 9600 packet mode.

For most consumer transceivers, the best choice is a radio that supports 9600 packet, because in that mode, most manufacturers allow direct access to the discriminator and the modulator.

On the 8800, the settings are by band. And be sure to set Menu #26 (PKT.SPD) to 9600 and Menu #25 (PKT.RXB) to the band you are using for the modem.

What is key for all Hotspots is to configure/adjust for correct FM deviation. For Hotspots, when you vary the TX audio level being sent to the modulator, you are varying the deviation. Newer D-Star radios are quite sensitive, you might even say picky, that deviation be correct. Different modems use different ways to adjust the TX audio level. Most GMSK modems have trim pots and there are programs that allow you to adjust the TX trim pot for proper deviation. Obviously a station monitor with deviation meter is best, but Echo Tests work, and Guus' suggestion to listen to the GMSK modulation on an analog radio, comparing the sound of a 51 or other modern D-Star radio to your hotspot while transmitting is another good way to adjust the hotspot.

Many Hotspot owners use transceivers that do not support narrowband FM. They normally work great and in receive mode, this is really is not an issue unless you choose a Hotspot frequency with adjacent activity that a narrowband setting would eliminate. As Guus points out, in transmit mode, properly adjusted hotspots operate in narrowband mode, and with proper adjustment, a D-Star transmission will be about 6.25KHz. On the 8800, setting Menu #44 to Narrow makes sense.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Friday, March 25, 2016 12:29 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] totaly new to GMSK

12.5 Khz is fine, D-Star is only 6.25. Without propper equipment the best way to adjust the TX level is listen on a anloge transceiver to your IC-51D and compare the level with your modem. In fact D-Star is only 4800 bps. (3600 voice and 1200 data) And yes you can use a 1:1 cable from modem to the 9K6 mini DIN on your transceiver.

On Thursday, March 24, 2016 6:00 PM, "Dennis Hitzigrath d@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

Hi!

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Thanks,

73,
Dennis
XE1/N4DMH

El 24/03/2016, a las 05:43, Guus Van Dooren guusvandooren@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> escribió:

To run the hotspot you only need a analoge 9k6 capable transceiver. f.e. Yaesu FT7800.

To access the hotspot/network you need a D-Star radio ofcourse.

On Thursday, March 24, 2016 12:22 PM, "n8pxe@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

ok I think I have it all set up. One question. Did I miss something. I can use and analog non dstar radio for this project? or do I need a D-Star radio to run the DV-Mega GMSK Modem?

11984. Fixed my SSL problem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-26 16:39:44 UTC
From: J. M. Moen
Topic: 11984 Message: 11984

For those of you who may have tried to order something from www.moencomm.com the last couple of days, sorry that the SSL (security) certificate had expired. I just fixed that Friday night, so it is possible to use the site again. Sorry for the inconvenience.

By the way, shipments of new GMSK modems and modem to radio cables just arrived, so everything is in stock.

Jim – K6JM

11985. RE: [gmsk_dv_node] totaly new to GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-27 13:08:34 UTC
From: n8pxe@...
Topic: 11899 Message: 11985

Thank you all for the good info. I now have my system up and getting the beep back.I am using a IC-208H works well for that part. I do have a question. When linking to the local repeater do I need to run my hand held in simplex or set it up just like any other repeater? The trouble I am having is not linking to the repeater. Is this done when you set up the software or in the hand held radio also?

11986. for info

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-27 13:34:43 UTC
From: f4goh@yahoo.fr
Topic: 11986 Message: 11986

https://hamprojects.wordpress.com/2016/02/21/d-star-modem/

73

Anthony

11987. RE: [gmsk_dv_node] totaly new to GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-28 18:03:46 UTC
From: J. M. Moen
Topic: 11899 Message: 11987

Jerry,

Question was: Should the D-Star radio be set up for simplex? Currently linking commands not working.

There are 2 ways to fix this. I am guessing right now, your Hotspot software is configured to validate that RPT1 is correct. So if your Hotspot is set up as callsign N8PXE port C, then in RPT1 the software is expecting to see N8PXE..C (dots are spaces).

Since you are using a single radio and not trying to create a repeater, you most likely will have RX and TX on the same frequency and the DUP feature of your D-Star radio will not be enabled.

Problem is, D-Star radios have this feature that in simplex/non-DUP mode, they ignore what you put in RPT1 and RPT2 and instead send DIRECT for those. Your Hotspot software will therefore ignore your RF link requests.

One fix is to trick your radio into thinking it is in DUPlex mode. Just turn on DUP, then set the Offset to 0. RX and TX will be on the same frequency, but the radio will think it’s in DUP mode and transmit out the contents of RPT1 and RPT2.

The other fix is just to turn off RPT1 validation in your Hotspot software….

Jim – K6JM

PS Well, there is a third fix. Program your analog radio to use 1 frequency for TX and another for RX, then program your D-Star radio with DUP and the correct Offset. If you won’t be interfering with anyone on both frequencies, there is no harm in that either. Just personal preference.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Sunday, March 27, 2016 6:09 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] totaly new to GMSK
Thank you all for the good info. I now have my system up and getting the beep back.I am using a IC-208H works well for that part. I do have a question. When linking to the local repeater do I need to run my hand held in simplex or set it up just like any other repeater? The trouble I am having is not linking to the repeater. Is this done when you set up the software or in the hand held radio also?

Posted by: n8pxe@...

11988. RE: [gmsk_dv_node] for info

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-28 18:13:28 UTC
From: J. M. Moen
Topic: 11986 Message: 11988

Anthony,

Thanks for sharing. Interesting project. (Sorry, I don’t know much French, so I used translate.google.com .)

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Sunday, March 27, 2016 6:35 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] for info

https://hamprojects.wordpress.com/2016/02/21/d-star-modem/

73

Anthony_._,_.___

Posted by: "f4goh@..." <f4goh@yahoo.fr>

11989. RE: [gmsk_dv_node] Re: Updating Relector Lists

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-28 18:20:56 UTC
From: J. M. Moen
Topic: 11947 Message: 11989

Make sure you place the new hosts files from Adrian’s site in the proper place so WinDV can find them. WinDV looks in the same directory where the executable is. The path varies based on what version of Windows and whether 32 or 64 bit, but for many 32 bit Windows machines, it will be:

C:/Program Files/MicroWalt Corporation/WinDV

The files should be named dphosts.txt, dxhosts.txt and dcshosts.txt.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, March 21, 2016 1:37 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Updating Relector Lists
Updated the reflector info for XRF021B, but still cannot connect using WinDV and my ThumbDV. I know the site is up as I can connect to it using my D-star radio and DVAP hotspot.

If anyone is using the same software/hardware that I am, could you try connecting to XRF021B and let me know if you are successful?

Thanks!
Gord - VA3TWT

11990. What is a good analog radio for GMSK Node?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-30 20:45:50 UTC
From: joe_jamison@...
Topic: 11990 Message: 11990

I'm beginning to do the research to set up a DStar Hotspot using a GMSK node adapter. I have a Kenwood V71A which should work, however it currently handles my Echolink node and lives in my "Shack in a Box" that I take to HAM events. I'm looking for recommendations for an inexpensive 2M/440 rig that I can use as the analog radio for the GMSK node. The plan is for it to stay in the shack and on the air. I don't plan to push any more than 5-10 watts from it.

What is a good, inexpensive, radio that will work with a GMSK node?

73,
Joe KB3TJR

11991. gmsk board usb problem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-30 18:18:47 UTC
From: wd4w.ky@...
Topic: 11991 Message: 11991

I have been running the MoenComm gmsk board since last April with zero issues. I am currently using WinDV
with the board. The USB port works fine on a fresh boot but stops working after 20 minutes or so. This prevents the board from keying my rig. WinDV keeps working in the background logging call signs, running the gateway and aprs functions just no rig key ups.

Restarting WinDV it reports it can not see the gmsk board. to resolve this I have to power cycle the board and once again everything works as it should.

This would seen to indicate an IC is getting hot and quits working. I am guessing this happens before a 100% failure takes place with the chip.

I have tried two different computers and a Raspberry Pi. The issue repeats itself with each one. I would like to fix it myself but surface mount technology, bad eyes and arthritis in the fingers prevents me doing so.

Has anyone seen this problem before? If so how did you resolve it?

Thanks,
Charles

11992. RE: [gmsk_dv_node] totaly new to GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-31 03:55:53 UTC
From: n8pxe@...
Topic: 11899 Message: 11992

Hello Jim,
Ok I think I need to start over LOL. I have the Maryland image loaded. Is there a good set of instructions for the Image that will deal with the GMSK modem from DV MEGA? I think I have something off. I have the system showing up on my APRS map so I know something is right. However I still cannot get on or link. I have tried what you said and it did help a little but not enough to were I can link and carry on a conversation. any help would be helpful.

11993. Re: [gmsk_dv_node] What is a good analog radio for GMSK Node?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-31 14:30:35 UTC
From: Bill Plke
Topic: 11990 Message: 11993
Attachments: 1 described; binary payloads are missing from this source WARC

?I have been using the GM300 for many years. But it can't go below 146.000
?
?
On 03/30/16, joe_jamison@... [gmsk_dv_node]com> wrote:
?
?;

I'm beginning to do the research to set up a DStar Hotspot using a GMSK node adapter. I have a Kenwood V71A which should work, however it currently handles my Echolink node and lives in my "Shack in a Box" that I take to HAM events. I'm looking for recommendations for an inexpensive 2M/440 rig that I can use as the analog radio for the GMSK node. The plan is for it to stay in the shack and on the air. I don't plan to push any more than 5-10 watts from it.

What is a good, inexpensive, radio that will work with a GMSK node?

73,
Joe KB3TJR

11994. Re: gmsk board usb problem RESOLVED

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-03-31 18:18:17 UTC
From: wd4w.ky@...
Topic: 11991 Message: 11994

RESOLVED, thanks to suggestions from Jim Moen I have solved my problem.

I should have checked this out first, it was just that this problem suddenly appeared so I felt my setup was fine. VSWR was less than 1:1.

The problem was RF into my cables.
Cause lose mini pl259 connection on the back of my Motorola gm300.
Once tightened the gmsk modem has performed normally with zero disconnects.

Thanks Jim!

11995. Re: Alinco DR-135/Motorola CDM series?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-04-01 06:32:29 UTC
From: suchat50@...
Topic: 9086 Message: 11995

Hello Ken
I cannot figure this out.Please you take a photo of the mod.
73
HS1GNS/JIM

11996. Re: [gmsk_dv_node] What is a good analog radio for GMSK Node?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-04-01 12:29:15 UTC
From: rlnou812@...
Topic: 11990 Message: 11996

Most GM300 and M120 radios will go down to 144 MHz using the Shift key method of entering the frequency. I use both radios on APRS 144.390 and also dstar simplex 145.670 with great results.

If I remember right, you must using the number keys at the top of the keyboard and not the cluster on the right side of the keyboard.

Here is a cut and paste from batlabs.com/gm300.html

Out of band programming
To program frequencies outside of the rated bandsplit in the GM300 can be very simple, follow the listed steps:
Hold the shift key down while entering the frequency you want You MUST release the shift key when you enter the decimal point You MUST fill the entire field -use zeros (while holding down shift) When you are done, hit enter like normal, and the frequency you entered will appear in regular decimal like any other frequency.

73's
Randy WB0VHB

11997. tcp client error

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-04-02 14:38:53 UTC
From: n8pxe@...
Topic: 11997 Message: 11997

Hello, I am using the Westerstar image, How ever I still have some problems. When the system comes up. on the IccDDB gateway I am getting a error

cannot connect the TCP client: Err=110.

Still trying to get to work. No luck yet. Any help would be grate.

11998. GMSK Node Adapters

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-04-02 15:06:50 UTC
From: ic7461@...
Topic: 11998 Message: 11998

I recently purchased a new Icom 9100 radio and optional for the UT-121 Dstar board. I thought I could access the distant Dstar repeater but found out that can't be done due to distance and repeater antenna. So, I'm thinking of building a hotspot at the QTH in Anchorage, Alaska and was wondering what opinions people have of the different GMSK Node Adapters. I have a spare VHF FM radio (Yaesu FT-1500m) that I could use and spare computer. Any suggestions are greatly appreciated.
Todd
AL7PX

11999. RE: [gmsk_dv_node] GMSK Node Adapters

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-04-02 17:11:54 UTC
From: Jim Moen
Topic: 11998 Message: 11999

This group focuses on GMSK modems. You might check the top part of http://www.k6jm.com/hs-setup.htm for some of the available modems. There are other excellent modems available, such as the DVRPTR_V1and the DV MEGA GMSK modem. I built my 1st Hotspot for the same reason -- could not reliably get into the ICOM repeater due to location/antenna issues. Jim -- K6JM
-------- Original message --------
From: "ic7461@yahoo.com [gmsk_dv_node]"
Date:04/02/2016 08:06 (GMT-08:00)
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] GMSK Node Adapters

I recently purchased a new Icom 9100 radio and optional for the UT-121 Dstar board. I thought I could access the distant Dstar repeater but found out that can't be done due to distance and repeater antenna. So, I'm thinking of building a hotspot at the QTH in Anchorage, Alaska and was wondering what opinions people have of the different GMSK Node Adapters. I have a spare VHF FM radio (Yaesu FT-1500m) that I could use and spare computer. Any suggestions are greatly appreciated. Todd AL7PX

12000. RE: [gmsk_dv_node] tcp client error

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-04-02 17:19:46 UTC
From: Jim Moen
Topic: 11997 Message: 12000

The -110 error means connection timeout. Any possibility your internet connection has latencies or pauses? Jim - K6JM
-------- Original message --------
From: "n8pxe@hotmail.com [gmsk_dv_node]"
Date:04/02/2016 07:38 (GMT-08:00)
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] tcp client error

Hello, I am using the Westerstar image, How ever I still have some problems. When the system comes up. on the IccDDB gateway I am getting a error cannot connect the TCP client: Err=110. Still trying to get to work. No luck yet. Any help would be grate.

12001. Re: [gmsk_dv_node] GMSK Node Adapters

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-04-02 23:31:30 UTC
From: Steve Sharp
Topic: 11998 Message: 12001

Have built a hotspot using GMSK modem and a Yaesu and it worked well, also built a smaller hotspot for my home using the rPi and DVMEGA radio – unless you need to cover a suburb, the rPi is the way to go, mine has been rock solid and if it wasn’t for power outages never needs a reboot works all day, every day.

73 Steve VK2ARS

From: mailto:gmsk_dv_node@yahoogroups.com
Sent: Sunday, April 3, 2016 2:06 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] GMSK Node Adapters

I recently purchased a new Icom 9100 radio and optional for the UT-121 Dstar board. I thought I could access the distant Dstar repeater but found out that can't be done due to distance and repeater antenna. So, I'm thinking of building a hotspot at the QTH in Anchorage, Alaska and was wondering what opinions people have of the different GMSK Node Adapters. I have a spare VHF FM radio (Yaesu FT-1500m) that I could use and spare computer. Any suggestions are greatly appreciated.
Todd
AL7PX

12002. RE: [gmsk_dv_node] GMSK Node Adapters

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-04-02 23:43:34 UTC
From: Kent Hufford
Topic: 11998 Message: 12002

I have 5 ft-1500’s use them for APRS digi’s and Igates.

And one for a DSTAR hot spot. The 1500 works GREAT as a 50 watt hot spot<g>.

It has a data port in the back that a Moen STAR board GMSK can plug right into!

Easy to setup, works fine.

Kent

KQ4KK

From: mailto:gmsk_dv_node@yahoogroups.com

Sent: Sunday, April 3, 2016 2:06 AM

To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>

Subject: [gmsk_dv_node] GMSK Node Adapters

I recently purchased a new Icom 9100 radio and optional for the UT-121 Dstar board. I thought I could access the distant Dstar repeater but found out that can't be done due to distance and repeater antenna. So, I'm thinking of building a hotspot at the QTH in Anchorage, Alaska and was wondering what opinions people have of the different GMSK Node Adapters. I have a spare VHF FM radio (Yaesu FT-1500m) that I could use and spare computer. Any suggestions are greatly appreciated.
Todd
AL7PX

12003. Re: tcp client error

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-04-03 00:20:28 UTC
From: n8pxe@...
Topic: 11997 Message: 12003

Thanks Jim, Will look into this. Can it be that I am trying to set it up wireless? I will try hard wire.

12004. Re: [gmsk_dv_node] GMSK Node Adapters

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-04-03 00:44:54 UTC
From: Ray Sipe
Topic: 11998 Message: 12004

I use the Moen card with a Yaesu radio and Raspberry Pi. Works great. I have also connected it to a PC with WinDV.
RAY KI4UDZ

Sent from Yahoo Mail on Android

On Sat, Apr 2, 2016 at 11:06 AM, ic7461@... [gmsk_dv_node]<gmsk_dv_node@yahoogroups.com> wrote:
I recently purchased a new Icom 9100 radio and optional for the UT-121 Dstar board. I thought I could access the distant Dstar repeater but found out that can't be done due to distance and repeater antenna. So, I'm thinking of building a hotspot at the QTH in Anchorage, Alaska and was wondering what opinions people have of the different GMSK Node Adapters. I have a spare VHF FM radio (Yaesu FT-1500m) that I could use and spare computer. Any suggestions are greatly appreciated.
Todd
AL7PX

12005. Re: [gmsk_dv_node] GMSK Node Adapters

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-04-03 03:23:43 UTC
From: Brandon Munoz
Topic: 11998 Message: 12005

I have 2 1500m. One for dstar hot spot other spare maybe full repeater one day. 1500 and moem board works great! Dvmega too both on RPi.

Sent from my iPhone

> On Apr 2, 2016, at 7:44 PM, Ray Sipe raysipenc@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
> I use the Moen card with a Yaesu radio and Raspberry Pi. Works great. I have also connected it to a PC with WinDV.
>
>
> RAY KI4UDZ
>
> Sent from Yahoo Mail on Android
>
>
> I recently purchased a new Icom 9100 radio and optional for the UT-121 Dstar board. I thought I could access the distant Dstar repeater but found out that can't be done due to distance and repeater antenna. So, I'm thinking of building a hotspot at the QTH in Anchorage, Alaska and was wondering what opinions people have of the different GMSK Node Adapters. I have a spare VHF FM radio (Yaesu FT-1500m) that I could use and spare computer. Any suggestions are greatly appreciated.
> Todd
> AL7PX
>
>

12006. Re: tcp client error

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-04-04 04:36:14 UTC
From: n8pxe@...
Topic: 11997 Message: 12006

Looked into this and now have a wired to my router. But now I have and err:99 Cannot bind UDP address on ports 20001, 30051-30057, 40000. All of which are open on my router. Any suggestions on this one?

12007. Re: [gmsk_dv_node] Re: tcp client error

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-04-04 06:36:54 UTC
From: Tony Ross
Topic: 11997 Message: 12007

On 04/03/2016 09:36 PM, n8pxe@... wrote:

> Looked into this and now have a wired to my router. But now I have and
> err:99 Cannot bind UDP address on ports 20001, 30051-30057, 40000.
> All of which are open on my router. Any suggestions on this one?

The router has nothing to do with the error on the computer, Check to see what computer program is already using those ports on the computer, e.g.:

lsof -nPi

If it's the same application as you're trying to start, then kill the current process PID before starting a new instance of same.

12008. Re: tcp client error

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-04-05 23:42:51 UTC
From: n8pxe@...
Topic: 11997 Message: 12008

ok found that I did not have programs running 2 times. I switch back to the Maryland software and I think I have it almost. I have no errors come up and all seems to work. However I am using the DVMEGA GMSK MODEM.
with the Western software when I key the radio I would see light L3 come on. With the Maryland software the L1 light stays on bright and does not change when keyed. Would this still be one of my problems? As I still cannot get it to make a connection.. Or am I going the wrong direction?

12009. unknown packet from repeater

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-04-06 03:20:25 UTC
From: n8pxe@...
Topic: 12009 Message: 12009

o I am in the Maryland software and I have now have it so that when I transmit from my handy I get the message UNKNOWN PACKET FROM THE REPEATER. Any one have this problem before? I still have no audio.

12010. Re: unknown packet from repeater fixed but no audio. Any help?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-04-06 03:59:39 UTC
From: n8pxe@...
Topic: 12009 Message: 12010

Ok I got rid of the unknown packet. and I am getting a good header in the log. But no audio. Any Ideas of what I would need to check for this one?
Thank you in advance.

12011. XRF789 and DNS

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-04-07 02:33:14 UTC
From: Eudoxio De Jesus Mondego
Topic: 12011 Message: 12011

Hi

The XREFLECTOR XRF789

IP address: 75.144.65.122

You can access now with DNS: xrf789.dstarxlx.com.br

Thanks

Eudoxio PY1EU

12012. RE: [gmsk_dv_node] What is a good analog radio for GMSK Node?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-04-09 04:31:50 UTC
From: J. M. Moen
Topic: 11990 Message: 12012

Joe,

Bill K2ILH and Randy WB0VHB both recommended the Motorola Radius GM300, which is a good choice. I have also used the Motorola MaxTrac. These are single band, either VHF or UHF. Get one with the 16 pin interface connector. The trick is to find someone who has the RSS programming software.

https://www.kk6jyt.com/motorola-radius-gm300-programming/ has some guidance on that and is worth the read.

The original Motorola RSS was designed some time ago and expects to run on a DOS machine with a very slow CPU. I happen to have an really old PC that fits that description, but people have reported success using a free program called DOSBOX https://sourceforge.net/projects/dosbox/ -- Not only does it emulate the real DOS, it can be slowed down to emulate an old PC's processor speed.

To build a cable for the GM300 or MaxTrac, see http://www.k6jm.com/hs-setupcbl.htm

The Friendcom FC-301/D radio is a good choice for a low power single band radio. It requires a hefty heat sink, as it gets hot when transmitting. https://www.argentdata.com/catalog/product_info.php?products_id=107

Friendcom now also has a FC-302/D UHF radio built for longer transmit times and with a case that acts as a heatsink.

It is always worth looking for a used radio that supports 9600 baud packet data. In addition to eBay, check out:
* eham.net (http://www.eham.net/classifieds/search)
* qth.com (http://swap.qth.com/)
* qrz.com (https://forums.qrz.com/index.php?forums/ham-radio-gear-for-sale.7/)

If you see an interesting radio, download its manual and make sure it has a packet data connector on the back and that the menu supports setting packet data speed to 9600. The reason for this is the GMSK modulation used by D-Star uses some very low frequencies that typically are filtered out by most transceivers, but those that support 9600 packet normally do not filter the audio in that mode.

The Kenwood TM-271A is a good radio if you see a good price. Not all have a visible 6 pin mini DIN data connector, but a pigtail with DIN connector can be easily added, and the menu system allows setting the packet data rate.

There are others – the ICOM 207H and various Yaesu radios.

If you go for a new radio but want to hold down the cost. I can suggest the Alinco DR-135MkIII (2 meters). It requires a small mod -- http://www.k6jm.com/hs-alinco-mods.htm

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, March 30, 2016 1:46 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] What is a good analog radio for GMSK Node?

I'm beginning to do the research to set up a DStar Hotspot using a GMSK node adapter. I have a Kenwood V71A which should work, however it currently handles my Echolink node and lives in my "Shack in a Box" that I take to HAM events. I'm looking for recommendations for an inexpensive 2M/440 rig that I can use as the analog radio for the GMSK node. The plan is for it to stay in the shack and on the air. I don't plan to push any more than 5-10 watts from it.

What is a good, inexpensive, radio that will work with a GMSK node?

73,
Joe KB3TJR

Posted by: joe_jamison@...

12013. RE: [gmsk_dv_node] totaly new to GMSK

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-04-09 05:00:15 UTC
From: J. M. Moen
Topic: 11899 Message: 12013

I have a DVMEGA Dual Band RF Shield that works with an Arduino Uno, but I don't have the DVMEGA GMSK Modem board.

The Maryland image has good documentation in general, though I don't know if they have much detail about the DVMEGA modem. Guus' site has good documentation for configuring G4KLX's DStarRepeater – see http://www.dvmega.auria.nl/GMSK_shield.html

Neither docs cover initial setup, where you need to find the correct TX and RX Invert settings. It sounds like you are past that stage, but if not, please let us know here. It's basically a trial and error process to get the Invert and audio level settings correct for your radio.

Linking to an REF reflector requires that on the ircDDBGateway's DPlus tab, that you fill in the Login filed with a callsign that is a registered terminal at an ICOM repeater/gateway. And, per my other note, be sure you either have the D-Star radio in duplex mode (with zero offset assuming RX and TX are on the same frequency), or that you set DStarRepeater's Callsign tab's RPT1 Validation to Off.

If you still can't it to link for you, send me your DStarRepeater's log via direct email and we can figure out what it is not linking.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, March 30, 2016 8:56 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] totaly new to GMSK

Hello Jim,

Ok I think I need to start over LOL. I have the Maryland image loaded. Is there a good set of instructions for the Image that will deal with the GMSK modem from DV MEGA? I think I have something off. I have the system showing up on my APRS map so I know something is right. However I still cannot get on or link. I have tried what you said and it did help a little but not enough to were I can link and carry on a conversation. any help would be helpful.

Posted by: n8pxe@...

-'-·-'---

12014. Alinco DR-135/Motorola

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-04-09 08:30:52 UTC
From: J. M. Moen
Topic: 12014 Message: 12014

For people reading the mail and have or are considering buying an Alinco DRx35 Mk III, Ken KE2N developed 2 alternate mods which I have documented at http://www.k6jm.com/hs-alinco-mods.htm .

My main, always-on Hotspot uses an Alinco DR135 Mk III, and I did Ken’s original (simple) mod. It has sounded good to me and I have not had a reason to do Ken’s other mod. If you are a perfectionist, though, you may decide on the slightly more complicated mod.

To give you an idea of the pricing, Universal has the 2 meter version for $170, Gigaparts for $164. You do not want the more expensive version with the EJ-41U installed. Mine has been in operation 24 x 7 for several years without any problems.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, March 31, 2016 11:32 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Alinco DR-135/Motorola CDM series?
Hello Ken
I cannot figure this out.Please you take a photo of the mod.
73
HS1GNS/JIM

Posted by: suchat50@...
’___

12015. RE: [gmsk_dv_node] Re: tcp client error

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-04-09 08:40:35 UTC
From: J. M. Moen
Topic: 11997 Message: 12015

The Maryland image is based on an earlier version of the westerndstar image. Both run G4KLX DStarRepeater and ircDDBGateway, but they have different ways of configuring those programs. Basically you want to log onto the image using windowing and use whatever the image provides to run the config program for each of the two G4KLX programs. The config programs are called DStarRepeaterConfig and ircDDBGateway config.

I think for DStarRepeater, the Maryland image has DStarRepeaterConfig's Modem tab default configured for DVMEGA, but it is easy to change that to a GMSK Modem or any other supported device.

For a GMSK Modem, I've documented the key settings at
http://www.k6jm.com/ConfigG4KLX-DSR.pdf
(Note I used an older version of the programs and the current versions look slightly different, but the key settings are the still the same.)

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, April 05, 2016 4:43 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: tcp client error
ok found that I did not have programs running 2 times. I switch back to the Maryland software and I think I have it almost. I have no errors come up and all seems to work. However I am using the DVMEGA GMSK MODEM.
with the Western software when I key the radio I would see light L3 come on. With the Maryland software the L1 light stays on bright and does not change when keyed. Would this still be one of my problems? As I still cannot get it to make a connection.. Or am I going the wrong direction?

Posted by: n8pxe@...

12016. RE: [gmsk_dv_node] Re: unknown packet from repeater fixed but no audio. Any help?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-04-09 08:47:19 UTC
From: J. M. Moen
Topic: 12009 Message: 12016

If you are using a GMSK Modem running DUTCH*Star firmware, it is much easier to first run the NATools program NAWinTest. Make sure RF Read works, then do the Echo Test. See our FAQ at http://www.gmskdvnode.info/ particularly questions 6 and 7.

Once Echo Test works perfectly, then move the modem to your Pi and it should work with the G4KLX programs, assuming those are configured properly.

Normally, if the analog radio transmits but your D-Star radio does not decode, either the TX Invert setting is not correct for your analog radio, or the TX trim pot needs to be adjusted. It is easier to do this with Echo Test, before moving on to the G4KLX programs.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, April 05, 2016 9:00 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: unknown packet from repeater fixed but no audio. Any help?
Ok I got rid of the unknown packet. and I am getting a good header in the log. But no audio. Any Ideas of what I would need to check for this one?
Thank you in advance.

Posted by: n8pxe@...m

12017. Kenwood TM-271A for Hotspot

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-04-11 20:26:13 UTC
From: J. M. Moen
Topic: 12017 Message: 12017

I just uploaded a file to this group’s website that has some basic documentation for using a Kenwood TM-271A in D-Star Hotspot duty. It is called TM-271A.txt and is located at https://groups.yahoo.com/neo/groups/gmsk_dv_node/files/Radio%20Files/Kenwood/

The European version was shipped with a pigtail with mini DIN6 female connector installed, making it easy to connect to a GMSK modem. The A version also supports 9600 packet data, but was shipped without the pigtail and connector. The above file documents in general how to add the pigtail so the radio can be used in Hotspots.

Jim – K6JM

12018. dstar

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-04-14 15:19:31 UTC
From: joe.azzara@...
Topic: 12018 Message: 12018

Hi just wanted to post that i am make D Star radio cables
that work with moencomm to Motorola for simplex or repeater use..
http://dstarhamradio.wix.com/dstar http://dstarhamradio.wix.com/dstar

12019. Moencomm Star Board Node Adaptor For Sale

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-04-16 18:44:06 UTC
From: guy81@...
Topic: 12019 Message: 12019

Asking $85....loaded with beta firmware for use with Raspberry Pi.
73
N5YT

12020. Re: [gmsk_dv_node] Moencomm Star Board Node Adaptor For Sale

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-04-17 02:09:15 UTC
From: TAKAGAWA
Topic: 12019 Message: 12020

Does it include DVAP or DVMEGA ?

de JR1FVK/Tack

2016-04-17 3:44 GMT+09:00 guy81@... [gmsk_dv_node] <
gmsk_dv_node@yahoogroups.com>:

>
>
> Asking $85....loaded with beta firmware for use with Raspberry Pi.
> 73
> N5YT
>
>
>
>
>

12021. Re: [gmsk_dv_node] Moencomm Star Board Node Adaptor For Sale

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-04-18 00:47:27 UTC
From: guy81@...
Topic: 12019 Message: 12021

This is for the StarBoard and USB cable only.

12022. WinDV commands U,L, work - should I and E work too?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-04-18 22:32:24 UTC
From: wd4w.ky@...
Topic: 12022 Message: 12022

WinDV commands U,L, work - should I and E work too?

I have read everything I could find but I could not locate which commands are supported.

Thanks,
Charles

12023. Raspberry PI 3

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-04-19 20:51:30 UTC
From: chipmckcmo@...
Topic: 12023 Message: 12023

Has anyone used the new Raspberry PI 3 yet. I am having issues getting the PI to boot. All I get is a square color blob in the center of the screen. Any ideas?

Chip
WB0LBZ
chipmckcmo@aol.com

12024. Re: [gmsk_dv_node] Raspberry PI 3

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-04-20 06:32:38 UTC
From: brian
Topic: 12023 Message: 12024

Hi Chip I am assuming this is with the intention of running a gmsk-dv-node, or else it's the wrong forum; -) This is normally an indicator that the Pi is not recognising the software on the SD card, normally due to being flashed incorrectly, incompatible image or faulty/incompatible SD card. Regards Brian Gw6wtk Sent from Samsung Mobile
-------- Original message --------
From: "chipmckcmo@aol.com [gmsk_dv_node]"
Date:19/04/2016 21:51 (GMT+00:00)
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Raspberry PI 3

Has anyone used the new Raspberry PI 3 yet. I am having issues getting the PI to boot. All I get is a square color blob in the center of the screen. Any ideas? Chip WB0LBZ chipmckcmo@aol.com

12025. New star*board with a couple of questions...

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-05-01 22:02:17 UTC
From: mike@...
Topic: 12025 Message: 12025

Hi

My name is MIchael. I am from Northern California. I just recently got back into the hobby. I've taken a great interest in dstar and want to build a hotspot to cover my neighborhood. I bought a star*board but can't seem to get the firmware to load onto it. When I move the jumper and plug it in a HID device comes up as id 303 but it has a yellow exclamation and gives a failed to start code 10. And then the firmware tool errors out with not responding to PROG request.

Now my question is, is this becuase I am running Windows 10? Or will it run ok on 10. If its not a 10 issue any suggestions on how I could trouble shoot the issue?

Thanks

Michael
N1TCA

12026. Need for 220 MHz D-Star repeaters?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-05-01 22:29:50 UTC
From: J. M. Moen
Topic: 12026 Message: 12026

Many of you may have seen Kent KQ4KK's post about rumors Kenwood will sell a tri-band D-Star capable HT that will operate on the 144/220/440MHz bands. If true, we can guess some people will want to put up D-Star capable Hotspots and repeaters on the 220MHz band.

The simplest is just put up a normal Hotspot or full duplex repeater using a modem and appropriate software, and use 220MHz radios. The modem and software do not care what bands the radios work on – meaning it would also be easy to put up 6 or 10 meter D-Star compatible repeaters for homebrew/7100/9100 radios, assuming that mode and bandwidth are legal for the chosen band.

The other way, if you or your club already has an ICOM repeater that is running less than 4 modules, is to add a homebrew repeater module, with modem and 220MHz radios, and connect it to the ICOM controller RP2C. Michael VK5ZEA documented how to do that several years ago. See http://www.qsl.net/kb9mwr/projects/dv/dstar/ID-RP2C%20Interface%20v1.1.pdf

If anyone knows any more about the Kenwood rumor, let us know. I have been buried in work and have not been trolling the usual groups lately. Otherwise we can expect to hear more at Dayton.

Jim – K6JM

Kent's post:

Sat Nov 7, 2015 4:28 pm (PST) . Posted by:
"Kent Hufford" kq4kk
I talked to the Kenwood rep and AA4RC at the Stone Mountain GA hamfest TODAY.

Also announced during the DSTAR Forum. Nothing on the internet as far as I know.

It is a HT, a cross between the TH6 and TH72.

It will do DSTAR, FM and APRS, has a GPS built in like the TH72.

Tri band, 2m, 440 and 220.

Kenwood should release more info around Thanksgiving. Comes out in March 2016.

That's all I know.

Kent

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12027. RE: [gmsk_dv_node] WinDV commands U,L, work - should I and E work too?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-05-01 22:42:18 UTC
From: J. M. Moen
Topic: 12022 Message: 12027

The Info or I command works, as I recall, by sending a short message where the link info is in the text message, same as ICOM repeaters. It does not respond with a voice announcement.

While WinDV does not support the E command, you can actually do better by linking to the E module of any REF reflector (for example, REF001E). This will echo back what you transmit, and that will test the complete system, including your internet connection, and will show you how others on reflectors hear you. I recommend using that type of Echo test regardless of the software you are using.

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, April 18, 2016 3:32 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] WinDV commands U,L, work - should I and E work too?
WinDV commands U,L, work - should I and E work too?
I have read everything I could find but I could not locate which commands are supported.
Thanks,
Charles
Posted by: wd4w.ky@...
’---

12028. RE: [gmsk_dv_node] Raspberry PI 3

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-05-01 22:56:53 UTC
From: J. M. Moen
Topic: 12023 Message: 12028

The easiest way to run on the Pi 3 is to download an image that supports the Pi 3. I am finding the latest westerndstar image with Jessie/Raspbian version 8 runs nicely on the Pi 3.

If you work professionally in the Unix/Linux field, you'll be happy about the following: the Debian folks in version 8 have disabled root logon. Since Westerndstar-based images boot up as user pi, everything works normally, and you can prefix terminal commands with sudo to get root privileges.

But some of us less skilled with Linux may want to also use WinSCP to navigate and edit files, and having WinSCP or similar program logged on as user pi does not allow you to do very much.

But it is easy to change that if you really want to. I describe how on my web page "Loading the westerndstar GW6WTK Pi image" at http://www.k6jm.com/hs-gw6wtk-image.htm -- basically you edit /etc/ssh/sshd_config to allow root logons.

Be warned this is not recommended by many Linux professionals, which is why the Debian team made the change in version 8/Jessie.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, April 19, 2016 1:51 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Raspberry PI 3
Has anyone used the new Raspberry PI 3 yet. I am having issues getting the PI to boot. All I get is a square color blob in the center of the screen. Any ideas?
Chip
WB0LBZ
chipmckcmo@...

12029. RE: [gmsk_dv_node] New star*board with a couple of questions...

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-05-01 23:00:05 UTC
From: J. M. Moen
Topic: 12025 Message: 12029

Michael,

I’ll work with you via direct email and we’ll get it working.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Sunday, May 01, 2016 3:02 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] New star*board with a couple of questions...
Hi
My name is MIchael. I am from Northern California. I just recently got back into the hobby. I've taken a great interest in dstar and want to build a hotspot to cover my neighborhood. I bought a star*board but can't seem to get the firmware to load onto it. When I move the jumper and plug it in a HID device comes up as id 303 but it has a yellow exclamation and gives a failed to start code 10. And then the firmware tool errors out with not responding to PROG request.
Now my question is, is this becuase I am running Windows 10? Or will it run ok on 10. If its not a 10 issue any suggestions on how I could trouble shoot the issue?
Thanks
Michael
N1TCA

Posted by: mike@...

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12030. ConDV on a Pi - Update

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-05-05 21:54:26 UTC
From: J. M. Moen
Topic: 12030 Message: 12030

ConDV is a great Hotspot program written by Fred KA4YBR, also author of WinDV and DUTCH*Star firmware. There is a version for Windows, and also for the Pi.

I have updated my web page “Install and Configure ConDV on a Pi”.
http://www.k6jm.com/hs-setuppicondv.htm

Since the WesternDStar Pi image already has ConDV installed, the above web page shows how to configure it. The changes now make it easy to switch between G4KLX and ConDV. Just go to the famous WesternDStar Widget, and on the Modem1 and Gateway Startup options, just select None. On the next boot, if G4KLX is not running, ConDV will automatically be launched. To flip back to G4KLX, just go to the Widget and select GUI for Modem1 and Gateway startup options, then reboot.

Also included is a one-time script called symhosts. It will save the host files installed with ConDV and create Linux symlinks to the host files used by the G4KLX program. The westerndstar image has the popular klxupdate script, and running klxupdate hostfiles will therefore get both the G4KLX and ConDV host files up to date.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Sunday, January 31, 2016 1:06 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] ConDV on a Pi
Many of you have checked out my web page “Building a D-Star Compatible Hotspot” at http://www.k6jm.com/hs-setup.htm . This page is for people using one of the GMSK Modems available. It gets the job done in 5 steps.
Step 5 is installing Hotspot software. Up until now, I’ve had details for users of DVAR, WinDV and G4KLX’s DStarRepeater and ircDDBGateway.
I’ve finally added a page about installing and configuring ConDV on a Raspberry Pi. http://www.k6jm.com/hs-setuppicondv.htm ConDV’s linking can be controlled via normal RF commands from the radio, or by a beautifully simple command line interface.
ConDV is written by Fred KA4YBR, author of WinDV as well as DUTCH*Star GMSK Modem firmware. The above page will get you up and running quickly, but the full ConDV documentation can be found in the DOC subfolder. More info is found on the DUTCH*Star website at http://www.dutch-star.eu/products/condv/
Jim – K6JM
PS All feedback is appreciated. If something on the new web page is confusing – or worse, wrong – please let me know. Thanks!

12031. Scrollong message error

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-05-08 13:33:42 UTC
From: brandon.munoz@...
Topic: 12031 Message: 12031

I have the starboard on a pi2 running Maryland dstar image connected to a yaesu 1500m. the only problem I'm having is the scrolling message on the radio not matching and sending strange text. Has anyone seen this and is there a fix?

Thanks,
Brandon KG5KYM

12032. Re: [gmsk_dv_node] Scrollong message error

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-05-08 13:52:42 UTC
From: Dennis Hitzigrath
Topic: 12031 Message: 12032

Hi Brandon.
I can confirm the text being strange like "n?t lim-ed" or something instead of not linked. I thought it was my issue with the tuning of the star board to the txcvr or something like that.
It would be nice to be able to fix that, if it's not too much trouble. Call signs strangely seem to be fine (??).

Have a great Sunday, everybody.

73 N4DMH/XE1

•-•-•
dennis.hitzigrath
Message sent from cellphone.

> Am 08/05/2016 um 8:33 schrieb brandon.munoz@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com>:
>
> I have the starboard on a pi2 running Maryland dstar image connected to a yaesu 1500m. the only problem I'm having is the scrolling message on the radio not matching and sending strange text. Has anyone seen this and is there a fix?
>
> Thanks,
> Brandon KG5KYM
>
>

12033. Satoshi GMSK Board V1.01 PTT DROP Problem ???

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-05-10 12:42:32 UTC
From: ve2nbz@...
Topic: 12033 Message: 12033

Hi, I use for number of Years without any problem few Satoshi Old GMSK Board with Firmware 4.48L

I run it on Machine with Windows XP and Windows 7 with KI4LKF (RPTR -- G2_LINK -- G2_IRCDDB)

I never have any problem and PTT Dropping......Also run G4KLX Package and work 100%

But from now, my Windows MAchine is dead and replace it with Laptop Running Ubuntu 14.04

I'm install KI4LKF package for Linux, All working but one thing, The PTT DROP always after 30-40 Sec

I test G4KLX package for Linux and same problem, PTT DROP After 30-40 Sec, Its Variable.

I take Raspberry Pi 2 for making another test, I Install VA3UV Image with KI4LKF Package, and also get PTT DROP After 30-40 Sec.......

And no, the radio not have Time Out Programmed on it ! Another test, I install Windows on same Laptop with Linux, Running KI4LKF Package for Windows, and BAM !!!! No PTT DROPPING !

I Don't understand what its the problem ! And the Driver LIBUSB Version on windows is the same for Linux !

The version is 0.1.12.1

For put my mind more for long ! I also test D-Star Commander Image, Maryland-Image and G4KLX Image for raspberry pi and For All i get PTT DROP......

Any Idea ??

Best 73z Eric VE2NBZ

12034. (Info only) moencomm.com website back in business

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-05-18 05:05:35 UTC
From: J. M. Moen
Topic: 12034 Message: 12034

Info: For those who’ve recently visited www.moencomm.com (to check out the Star*Board or the Star*DV) and saw a notice that the PayPal link was not working – It’s fixed and orders are being accepted!_

But, I will be going to the Dayton Hamvention, and order shipments will resume May 27. Sorry for the inconvenience.

Jim – K6JM – www.moencomm.com

_,_._,___
PS I will not have a booth – this year I plan to just have fun talking and learning! I hope to see many of you Thursday evening at Marion’s Pizza for the D-STAR Meet & Greet.

12035. DSTAR Audio not heard on Matrix CIrcuits Star*Board & FT-817ND/RPi &G4KLX

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-05-20 03:25:51 UTC
From: agroaviation@...
Topic: 12035 Message: 12035

Hello everyone. I just got my Matrix Circuits Star*Board today. I connected it to a Yaesu FT-817ND via the Data jack, and I am using a Raspberry Pi 2 Model B, which has the standalone versions of Dstarrepeater and ircDDBGateway. After filling out the required information of my callsign and module, and selecting GMSK modem and the default address 0x300, the result is that it decodes the information on the GUI, however on my HT I do not get slow text, or audio. The signal meter shows full bars, and the mode on my radio changes from DV-A to FM, as when I encounter interference, while I receive the audio from either the gateway via a "Not Linked" Message or traffic from reflectors. I used this setup for DSTAR with a 70cm DVAP prior to the switch to the Star*Board.

Thank you all,

TG9AOR

12036. RE: [gmsk_dv_node] DSTAR Audio not heard on Matrix CIrcuits Star*Board & FT-817ND/RPi &G4KLX

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-05-20 04:02:10 UTC
From: Brad
Topic: 12035 Message: 12036

You have to adjust the 2 pots on the board. One for RX one for transmit. Make sure you follow the instructions carefully.

Sent from Mail for Windows 10

From: agroaviation@... [gmsk_dv_node]
Sent: Thursday, May 19, 2016 11:25 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] DSTAR Audio not heard on Matrix CIrcuits Star*Board & FT-817ND/RPi &G4KLX

Hello everyone. I just got my Matrix Circuits Star*Board today. I connected it to a Yaesu FT-817ND via the Data jack, and I am using a Raspberry Pi 2 Model B, which has the standalone versions of Dstarrepeater and ircDDBGateway. After filling out the required information of my callsign and module, and selecting GMSK modem and the default address 0x300, the result is that it decodes the information on the GUI, however on my HT I do not get slow text, or audio. The signal meter shows full bars, and the mode on my radio changes from DV-A to FM, as when I encounter interference, while I receive the audio from either the gateway via a "Not Linked" Message or traffic from reflectors. I used this setup for DSTAR with a 70cm DVAP prior to the switch to the Star*Board.

Thank you all,

TG9AOR

Nextiva vFAX
Why Do You Still Have An Old Fax Machine?
http://thirdpartyoffers.juno.com/TGL3131/573e8c353a3e6c3333c7st01duc

12037. RE: [gmsk_dv_node] DSTAR Audio not heard on Matrix CIrcuits Star*Board & FT-817ND/RPi &G4KLX

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-05-20 12:31:39 UTC
From: agroaviation@...
Topic: 12035 Message: 12037

Thank you for your reply. I will go over the instructions once more. I will try it under windows as well, as I went directly to Linux over the Raspberry Pi.

73

12038. RE: [gmsk_dv_node] DSTAR Audio not heard on Matrix CIrcuits Star*Board & FT-817ND/RPi &G4KLX

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-05-20 15:00:52 UTC
From: agroaviation@...
Topic: 12035 Message: 12038

ISSUE SOLVED. Thank you for your replies. The issue was with the Packet Mic setting on my FT-817ND, the setting was at 50, it worked once left at a value of 10. All is well.

73 de TG9AOR

12039. D-Star at Dayton

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-05-26 03:40:39 UTC
From: jim@...
Topic: 12039 Message: 12039

I am still on the road after Dayton, but have a chance to write a few notes about Dayton.

Obviously the flashiest news was the new Kenwood HT. It was under glass, but the colored display was operating and the radio looks good. I guess we can think of it as the replacement for the tri-band TH-F6, but with D-Star added. Phil N4DRO, who heads Kenwood USA's amateur radio product line, mentioned the audio sections borrow technology from their NXDN products and have superb audio. It is expected to be shipping before the end of the year.

John Hays of Northwest Digital Radio talked at the D-Star Forum on Friday about their UDRC product that can add D-Star capability to a Yaesu System Fusion DR-1X repeater. It looks like a great way for clubs to get a good repeater and configure it one of several ways, including both D-Star and C4FM, or one or the other, with analog FM thrown in if desired.

Multi-mode products were everywhere -- well, it seemed that way at least. Most of these support both D-Star and DMR, plus C4FM either working already or planned for. Guus PE1PLM had a DVMEGA booth, where he showed off several products as well as one being worked on. When I return home from travels, I plan to write those up in more detail. The key point is products based on the DVMEGA radio can use multi-mode firmware that can talk to multi-mode host software including the G4KLX multi-mode software.

Guus' booth also hosted Bruce VE2GZI of dvrptr.net (who sells the DVRPTR_V1) and Jim KI6ZUM, who has designed the MMDVM board based on G4KLX's proposal. Bruce sells the current version MMDVM and will be selling later versions also. For MMDVM fans, since the Arduino Due controller is getting hard to find, Jim is designing a new MMDVM with the controller on the board, so no DUE will be needed. Availability on that is not yet known, but this is clearly a very active space.

My talk at the D-Star Forum covered ways to enhance D-Star with do it yourself projects. This included the things this forum talks about all the time. I mentioned my favorite products, regardless of who makes and sells them. I also talked about how we (with help from Adrian VK4TUX) added DCS and XRF, along with CCS7 capability to the Mt Diablo Amateur Radio Club ICOM D-Star repeater W6CX in Northern California. This was done without losing genuine D-Plus Gateway status.

Uli AG0X of Wireless Holdings had a booth full of multi-mode products, prototypes and concept radios. Torsten DG1HT, author of a lot of the German Digital Team software, was there, and he put up with my halting German to answer my questions. His English is far better than my German....

Robin AA4RC also spoke at the Drury Inn. He mentioned they have moved the REF001 reflector to a new hosting environment provided by Google Cloud services. The capacity has been increased while lost packets and bit errors have done down to nearl zero. Apparently they are also experimenting with Amazon Web Services for similar hosting of another REF reflector. Robin side-stepped talking about new products currently under development.

The D-Star presentations at the Drury Inn were the highlight of the day. It was the place to be for fans of D-Star. More later....

Jim - K6JM

12040. Re: [gmsk_dv_node] D-Star at Dayton

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-05-26 12:23:43 UTC
From: Fran Miele
Topic: 12039 Message: 12040

Thanks for this Jim. It's very much appreciated.

W1FJM

On Wednesday, May 25, 2016, jim@... [gmsk_dv_node] <
gmsk_dv_node@yahoogroups.com> wrote:

>
>
> I am still on the road after Dayton, but have a chance to write a few
> notes about Dayton.
>
>
> Obviously the flashiest news was the new Kenwood HT. It was under glass,
> but the colored display was operating and the radio looks good. I guess we
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>
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>
> Robin AA4RC also spoke at the Drury Inn. He mentioned they have moved the
> REF001 reflector to a new hosting environment provided by Google Cloud
> services. The capacity has been increased while lost packets and bit
> errors have done down to nearl zero. Apparently they are also
> experimenting with Amazon Web Services for similar hosting of another REF
> reflector. Robin side-stepped talking about new products currently under
> development.
>
>
> The D-Star presentations at the Drury Inn were the highlight of the day.
> It was the place to be for fans of D-Star. More later....
>
>
> Jim - K6JM
>
>
>
>

--
Sent from my Apple device
--Fran

IMPORTANT: The contents of this email and any attachments are confidential.
They are intended for the named recipient(s) only. If you have received
this email by mistake, please notify the sender immediately and do not
disclose the contents to anyone or make copies thereof.

12041. ID-5100A for use indoors with Dongle

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-06-01 16:49:41 UTC
From: <ke5emc@...>
Topic: 12041 Message: 12041

Hello,
I was planning on getting a Dv4Mini to use with my ID-5100A inside. However, I have no antenna on my house for the Icom. Obviously I can't bring the magnet mount antenna from my truck inside. Should I use a dummy load to send a signal to the dongle antenna (which will be 3 feet away), or should I use a rollup J-Pole? Thanks.

Sent from Yahoo Mail. Get the app

12042. RE: [gmsk_dv_node] ID-5100A for use indoors with Dongle

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-06-03 02:27:16 UTC
From: J. M. Moen
Topic: 12041 Message: 12042

Many people use a dummy load.

Because I do a lot of testing in the D-Star/mulit-mode areas, I personally have three mag mount 2m/70cm antennas in my shack in addition to 2 outside antennas. The only caveat is to make sure you know the max power handling a mag mount can take and be sure not to exceed that. I believe the 5100 can be adjusted down to 5 watts, so most every mag mount, even the very small ones, should be ok.

For future planning, since the 5100 is such a good mobile radio, you might want to consider getting a D-Star HT to work with the DV4mini in the shack. I believe they are or will be shipping a UHF version, and the ID-31 is priced pretty reasonably. But for now, go with the 5100 in the shack, and use either a dummy load or a small antenna like a mag mount.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, June 01, 2016 9:50 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] ID-5100A for use indoors with Dongle

Hello,

I was planning on getting a Dv4Mini to use with my ID-5100A inside. However, I have no antenna on my house for the Icom. Obviously I can't bring the magnet mount antenna from my truck inside. Should I use a dummy load to send a signal to the dongle antenna (which will be 3 feet away), or should I use a rollup J-Pole? Thanks.

Sent from Yahoo Mail. Get the app <https://yho.com/148vdq>

Posted by: <ke5emc@...>

12043. Radios for 220MHz D-Star Hotspots and Repeaters

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-06-08 17:02:37 UTC
From: J. M. Moen
Topic: 12043 Message: 12043

The Alinco DR-235T Mk III (25 watts, US $240), with a small mod, would likely make a good 1.25m radio for digital voice (my D-Star Hotspot uses the 2 meter DR-135T Mk III), but I heard at Dayton that Alinco will be phasing out this series (RoHS?).

So has anyone played with the BridgeCom BCM-220 mobile 1.25m radio?

https://www.bridgecomsystems.com/collections/mobile-radios/products/bcm-220-mhz-mobile-radio

Cost is US $240. Programming cable is $45, programming software is $35.

Looking at the manual, it appears its 15 pin accessory connector gives access to flat audio out and TX audio in that is injected directly to the modulator. That implies you could build a cable to hook to a modem for D-Star service.

Power can be set at 5/10/20/30 watts. I would guess you would need good cooling at the higher settings in digital voice mode, since some reflectors can put a radio into 100% duty cycle for quite a long time.

When the Kenwood tri-band HT begins to ship with its support for D-Star, I would guess this radio would make a good 1.25m Hotspot, and 2 of them could be used in a homebrew repeater, which might be useful if Kenwood follows up their D-Star HT with a D-Star mobile radio.

With it becoming nearly impossible to get 2 meter coordinations in many areas, and in some areas, even 70cm coordinations are difficult, a 1.25m repeater might be a nice solution, once D-Star radios for that band become available.

If you give this BroadCom radio a try in DV mode, please post your experiences here.

Jim – K6JM

PS In addition to a D-Star compatible Hotspot or full duplex homebrew repeater, if you or your club already has an ICOM repeater that is running less than 4 modules, you can add a homebrew repeater module, with modem and 220MHz radios, and connect it to the ICOM controller RP2C. Michael VK5ZEA documented how to do that several years ago.
See http://www.qsl.net/kb9mwr/projects/dv/dstar/ID-RP2C%20Interface%20v1.1.pdf ,___

12044. RaspberryPi+mini hotspot board+FT2600 help

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-06-14 03:11:14 UTC
From: gordon_sanderson@...
Topic: 12044 Message: 12044

Hi guys o/

So ive had my hotspot running on an old windows xp machine in the past but thought id get a Raspberry Pi and roll like that.

I loaded up the westerndstar image and mucked with a few settings but no joy. Has anyone actually ran the dutch*star mini-hotspot rev 3 board with a Pi 3?

Would windows 10 iot and windv be an option worth exploring?

Thanks in advance

Gordo
vk2mmm

12045. Re: RaspberryPi+mini hotspot board+FT2600 help

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-06-14 14:39:07 UTC
From: Roy Rieck
Topic: 12044 Message: 12045

When using the Moen Star-Board, you have to request and load the Beta firmware when using the G4KLX software. The default firmware works fine with WinDV, but won't work with G4KLX. In my opinion, the Beta firmware should have made it to production status by now, but then again it is a hobby after all, and all that that entails.

Roy Rieck
AJ4RC
Former owner of a Moen board

12046. D-Star Round Table Th nights 8pm Pacific on XRF002A

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-06-17 00:32:56 UTC
From: J. M. Moen
Topic: 12046 Message: 12046

The popular D-Star Round Table, hosted by Mike, N6HKH, has MOVED (from REF012A) to XRF002A. This new reflector is also linked to XRF310A and XRF555A, so you can link to any of those and get in on the fun.

The Round Table will be on these reflectors every Thursday night at 8pm Pacific (Friday 0300 GMT).

As Admin of the W6CX D-Star repeater/gateway in Concord, CA, USA, I have changed the default reflector for our gateway during this RoundTable to XRF002A.

Jim – K6JM

12047. Win DV Windows10

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-06-17 10:02:28 UTC
From: kroakie123@...
Topic: 12047 Message: 12047

Hi
I apologise if this is the wrong forum to ask this question.
I have a DV Dongle that I have not used for a while and previously I used it with Win DV.
I have the latest version of Win DV installed on my Windows 10 PC, but I am having problems getting it working correctly.
The problem I have is that it will only connect to DCS reflectors.
When I select the gateway tab, it only shows a list for DCS and XRF reflectors, regardless of selecting DCS, Dextra or Dplus.
I have checked the various .txt files and they are upto date. Also port forwarding is set up etc.
Can anyone give me some pointers as to what the problem could be?
Thanks
Dennis
G8YMT

12048. Re: [gmsk_dv_node] Win DV Windows10

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-06-17 13:58:44 UTC
From: Donald Jacob
Topic: 12047 Message: 12048

Hi Dennis,
Which server are you connectd to?
Try another server, freestar for example
73
Don
WB5EKU
On Jun 17, 2016 3:02 AM, "kroakie123@... [gmsk_dv_node]" <
gmsk_dv_node@yahoogroups.com> wrote:

Hi

I apologise if this is the wrong forum to ask this question.

I have a DV Dongle that I have not used for a while and previously I used it with Win DV.

I have the latest version of Win DV installed on my Windows 10 PC, but I am having problems getting it working correctly.

The problem I have is that it will only connect to DCS reflectors.

When I select the gateway tab, it only shows a list for DCS and XRF reflectors, regardless of selecting DCS, Dextra or Dplus.

I have checked the various .txt files and they are upto date. Also port forwarding is set up etc.

Can anyone give me some pointers as to what the problem could be?

Thanks

Dennis

G8YMT

12049. Re: Win DV Windows10

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-06-17 19:47:59 UTC
From: kroakie123@...
Topic: 12047 Message: 12049

Hi Don Thanks for your reply.
I have tried the freestar server and the AA4RC server, which work better, but still cannot connect to DPlus, eg. REF001 etc. When selecting the gateway tab choosing DCS, DCPlus or DExtra, shows the same list, i.e. no REF reflectors.
The logfile says:
DPlus: NS: invalid datagram type 2
DPlus: Gateway 'REF001' not found!
I have ensured the DPhost.txt file is upto date.
I can access REF001 with DVTools, so I know the reflector is OK.
Also I have tried running in compatibility mode, but no change.

It looks like a windows 10 problem. I have another PC running windows 8 and WinDV version 1.5.7. This runs perfectly and I can access all the gateways, DCS, DPlus and DExtra.

I can live with using two programs, but it would be nice to use one.

12050. Help - What firmware do I need?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-06-21 01:31:26 UTC
From: jlbates4@...
Topic: 12050 Message: 12050

Hello,
I have the following error in my RasPi ircddb modem config file:
I: 2016-06-21 01:16:38: GMSK, interface: 0, address: 0300
I: 2016-06-21 01:16:38: Found the GMSK Modem with address: 0x0300
I: 2016-06-21 01:16:38: Firmware version: DUTCH*Star HSA V0.1.00F HSFIX
W: 2016-06-21 01:16:38: This modem firmware is not supported by the repeater

W: 2016-06-21 01:16:38: Please upgrade to a newer version

I have a Matrix Star*Board: MoenComm Star*Board D-Star GMSK Node Adapter
https://www.moencomm.com/index.htm

https://www.moencomm.com/index.htm

MoenComm Star*Board D-Star GMSK Node Adapter https://www.moencomm.com/index.htm Home Order Star*Board Settings Load Firmware Install SDV on Pi Install SDV for Windows Presentations

View on www.moencomm.com https://www.moencomm.com/index.htm
Preview by Yahoo

Any suggestions would be greatly appreciated!

73 de K8OI

12051. Re: [gmsk_dv_node] Help - What firmware do I need?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-06-21 02:09:27 UTC
From: Donald Jacob
Topic: 12050 Message: 12051

Contact Jim Moen at MoenComm. He should be able to help you out.

WB5EKU

On Mon, Jun 20, 2016 at 6:31 PM, jlbates4@... [gmsk_dv_node] <
gmsk_dv_node@yahoogroups.com> wrote:

>
>
> Hello,
>
> I have the following error in my RasPi ircddb modem config file:
>
> I: 2016-06-21 01:16:38: GMSK, interface: 0, address: 0300
>
> I: 2016-06-21 01:16:38: Found the GMSK Modem with address: 0x0300
>
> I: 2016-06-21 01:16:38: Firmware version: DUTCH*Star HSA V0.1.00F HSFIX
>
> W: 2016-06-21 01:16:38: This modem firmware is not supported by the
> repeater
>
> W: 2016-06-21 01:16:38: Please upgrade to a newer version
>
>
> I have a Matrix Star*Board: MoenComm Star*Board D-Star GMSK Node Adapter
> <https://www.moencomm.com/index.htm>
> [image: image] <https://www.moencomm.com/index.htm>
> MoenComm Star*Board D-Star GMSK Node Adapter
> <https://www.moencomm.com/index.htm>
> Home Order Star*Board Settings Load Firmware Install SDV on Pi
> Install SDV for Windows Presentations
> View on www.moencomm.com <https://www.moencomm.com/index.htm>
> Preview by Yahoo
>
>
>
> Any suggestions would be greatly appreciated!
>
> 73 de K8OI
>
>
>
>

12052. Re: Help - What firmware do I need?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-06-21 09:54:17 UTC
From: jlbates4@...
Topic: 12050 Message: 12052

Good idea, thx!

12053. Re: Updating Relector Lists

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-06-24 11:55:36 UTC
From: jlbates4@...
Topic: 11947 Message: 12053

How do we add a new DExtra host to the list?

73 de K8OI

12054. RE: [gmsk_dv_node] Updating Relector Lists

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-06-26 01:44:20 UTC
From: J. M. Moen
Topic: 11947 Message: 12054

There are several points of contact:
* John K6KD maintains the X Reflector Directory at http://xrefl.net/ -- for additions, he asks that people go to http://xrefl.boards.net/ and access the X Reflector Directory Change/Add Request forum. If you have picked an XRF name in conflict with another reflector that already exists, he'll point that out so you can end up with a unique name.
* Bob W6KD, creator of the D-Star Commander Pi image, maintains host file lists. Get his email address from qrz.com.
* Adrian VK4TUX (get his email address from qrz.com) maintains hosts files used by many systems and Pi images
* Ramesh VA3UV maintains host files used by the FREE STAR* system

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Friday, June 24, 2016 4:56 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Updating Relector Lists
How do we add a new DExtra host to the list?
73 de K8OI

12055. Enabling I2C on the westerndstar Jessie image

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-06-26 18:12:39 UTC
From: J. M. Moen
Topic: 12055 Message: 12055

Users of the Star*DV AMBE3000 dongle may be interested in this – most of you use ircDDBGateway connected to the StarDV application by KD0OSS. On the Pi, StarDV requires access to an LCD that uses I2C. The LCD plate is used to display callsigns, user text and optionally to control linking.

The westerndstar image running Jessie is a good platform for these programs. Just be aware that the current image does not have I2C enabled. The fix is simple. Just edit /boot/config.txt and make sure the following 2 lines are added or enabled:

dtparam=i2c1=on
dtparam=i2c_arm=on

Naturally you will want to make sure /etc/modules has the following in that file:

i2c-dev
i2c-bcm2708

I have updated my How To pages starting at http://www.k6jm.com/hs-setuppistardv.htm about /boot/config.txt.

Jim – K6JM

12056. Re: Win DV Windows10

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-06-27 13:21:31 UTC
From: w8aii@...
Topic: 12047 Message: 12056

GM Sir...

Are you attempting to connected to Gateways, Reflectors or Repeaters?

Sounds like you're looking to connect to a repeater... Try changing the "Mode". Repeaters should then show up in the drop down menu instead of gateways and reflectors...

73,

Al/ W8AII

12057. WinDV Keeps Disconnecting.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-06-27 15:25:56 UTC
From: w8aii@...
Topic: 12057 Message: 12057

GM all...

I have had a DVAP for some time now and have used it successfully many times in the past without incident with WinDV.

I recently brought it back out to test as I am planning a trip and want to use the DVAP where I do not have DStar repeaters.

I tested the DVAP the other evening with our local DStar repeater. The unit connects but within 10 seconds or less it disconnects from the repeater. At this point I do not know if it is a system problem or operator problem. I suspect the latter.

Any help would be most appreciated...

Thanks in advance...

Al/ W8AII

12058. Re: Yaesu FTM-350 packet connector pinout

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-07-03 03:03:02 UTC
From: yngwie.chou@...
Topic: 6290 Message: 12058

Hello Marco,

I think I got the similar issue on FTM-350.
Have you managed to get it resolved in the end?

73,
Yngwie
BX2AFC

12059. Re: Need for 220 MHz D-Star repeaters?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-07-03 21:55:10 UTC
From: john@...
Topic: 12026 Message: 12059

Bridgecom https://www.bridgecomsystems.com/collections/bcr-repeaters/products/bcr-220makes a nice 220 repeater, that should be able to added. Their 2m and 70cm models use the same interface and have been put on D-STAR.

12060. QSO being cutoff after longer "over"s

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-07-04 13:00:21 UTC
From: Dennis Hitzigrath
Topic: 12060 Message: 12060

Good morning everybody!
Besides the issue where the ID and/or the INFO is not being shown on the ID-51 (sometimes, not always), it happens sometimes that when I’m on mobile and I let go of the PTT I don’t get the beep back from the Hotspot (Star board with FT-8800R). And the other person on the Reflector only gets part of what I said…

Is this a software issue or a Hardware issue? Any ideas? Need more info?

Happy Jul/4!

73,
dennis.hitzigrath
XE1/N4DMH

12061. Re: [gmsk_dv_node] QSO being cutoff after longer "over"s

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-07-04 15:17:07 UTC
From: Dennis Hitzigrath
Topic: 12060 Message: 12061
Attachments: 1 described; binary payloads are missing from this source WARC

This mainly happens when the “over” is too long, and today, for example, after making a long QSO with my friend locally (UR:CQCQCQ) after a while the hot spot gave up and I can’t reach it right now. I left a terminal open at home and will se when I’m back if the raspberry is frozen or if only the service is dead. (Raspberry Pi 1B) running (don’t remember right now the image it’s running).

Will come back with more details when I have them.

I’ve thought about using a raspberry Pi2, maybe it’s too much for the old thing!

Thanks,
dennis.hitzigrath
El 04/07/2016, a las 08:00, Dennis Hitzigrath d@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> escribió:

> Good morning everybody!
> Besides the issue where the ID and/or the INFO is not being shown on the ID-51 (sometimes, not always), it happens sometimes that when I’m on mobile and I let go of the PTT I don’t get the beep back from the Hotspot (Star board with FT-8800R). And the other person on the Reflector only gets part of what I said…
>
> Is this a software issue or a Hardware issue? Any ideas? Need more info?
>
> Happy Jul/4!
>
> 73,
> dennis.hitzigrath
> XE1/N4DMH
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>
> Questions? Check out our Frequently Asked Questions: http://www.gmskdvnode.info/
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> Yahoo Groups Links
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12062. Re: [gmsk_dv_node] QSO being cutoff after longer "over"s

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-07-04 17:32:01 UTC
From: Donald Jacob
Topic: 12060 Message: 12062

Dennis,
Not sure what you mean by "over", but it is possible that you timed out.
There is a 3 minute
timer that drops the connection. Try shorter transmissions.
The Pi 1B is good to run the gmsk modem.

Don
WB5EKU

On Mon, Jul 4, 2016 at 8:17 AM, Dennis Hitzigrath d@... [gmsk_dv_node] <
gmsk_dv_node@yahoogroups.com> wrote:

> This mainly happens when the “over” is too long, and today, for example,
> after making a long QSO with my friend locally (UR:CQCQCQ) after a while
> the hot spot gave up and I can’t reach it right now. I left a terminal open
> at home and will se when I’m back if the raspberry is frozen or if only the
> service is dead. (Raspberry Pi 1B) running (don’t remember right now the
> image it’s running).
>
> Will come back with more details when I have them.
>
> I’ve thought about using a raspberry Pi2, maybe it’s too much for the old
> thing!
>
> Thanks,
> dennis.hitzigrath
> El 04/07/2016, a las 08:00, Dennis Hitzigrath d@... [gmsk_dv_node] <
> gmsk_dv_node@yahoogroups.com> escribió:
>
> > Good morning everybody!
> > Besides the issue where the ID and/or the INFO is not being shown on the
> ID-51 (sometimes, not always), it happens sometimes that when I’m on mobile
> and I let go of the PTT I don’t get the beep back from the Hotspot (Star
> board with FT-8800R). And the other person on the Reflector only gets part
> of what I said…
> >
> > Is this a software issue or a Hardware issue? Any ideas? Need more info?
> >
> > Happy Jul/4!
> >
> > 73,
> > dennis.hitzigrath
> > XE1/N4DMH
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> > ------------------------------------
> >
> > Questions? Check out our Frequently Asked Questions:
> http://www.gmskdvnode.info/
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> > Yahoo Groups Links
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12063. Re: [gmsk_dv_node] QSO being cutoff after longer "over"s

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-07-04 17:49:36 UTC
From: Dennis Hitzigrath
Topic: 12060 Message: 12063
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Don!
No, it’s probably more like 45 seconds. But yes, that’s what I meant!

Thanks for your comment.

dennis.hitzigrath
El 04/07/2016, a las 12:32, Donald Jacob wb5eku@... [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com> escribió:

>
> Dennis,
> Not sure what you mean by "over", but it is possible that you timed out. There is a 3
minute
> timer that drops the connection. Try shorter transmissions.
> The Pi 1B is good to run the gmsk modem.
>
> Don
> WB5EKU
>
>
> On Mon, Jul 4, 2016 at 8:17 AM, Dennis Hitzigrath d@... [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com> wrote:
> This mainly happens when the “over” is too long, and today, for example, after making a
long QSO with my friend locally (UR:CQCQCQ) after a while the hot spot gave up and I can’t
reach it right now. I left a terminal open at home and will se when I’m back if the
raspberry is frozen or if only the service is dead. (Raspberry Pi 1B) running (don’t
remember right now the image it’s running).
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> Will come back with more details when I have them.
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> I’ve thought about using a raspberry Pi2, maybe it’s too much for the old thing!
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> Thanks,
> dennis.hitzigrath
> El 04/07/2016, a las 08:00, Dennis Hitzigrath d@... [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com> escribió:
>
> > Good morning everybody!
> > Besides the issue where the ID and/or the INFO is not being shown on the ID-51
(sometimes, not always), it happens sometimes that when I’m on mobile and I let go of the
PTT I don’t get the beep back from the Hotspot (Star board with FT-8800R). And the other
person on the Reflector only gets part of what I said…
> >
> > Is this a software issue or a Hardware issue? Any ideas? Need more info?
> >

> > Happy Jul/4!
> >
> > 73,
> > dennis.hitzigrath
> > XE1/N4DMH
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> >
> > Questions? Check out our Frequently Asked Questions: http://www.gmskdvnode.info/
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12064. Re: [gmsk_dv_node] QSO being cutoff after longer "over"s

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-07-05 03:20:04 UTC
From: Dennis Hitzigrath
Topic: 12060 Message: 12064

New update! I'm using western dstar image. The system keeps on running, but after a couple of hours doesn't listen to the gmsk modem any more. Rebooting the raspberry makes everything work again. Any idea on what log file I should look at to try to find out why the hot spot turns deaf and mute suddenly?

Also the gateway software is constantly complaining about not being able to connect with dpns.dutch-star.eu. I tried to access any thing on dutch-star.eu and it doesn't seem to work.

Any orientation is appreciated!
Thanks!

73,
Dennis.
•-••-•
dennis.hitzigrath
Message sent from cellphone.

> Am 04/07/2016 um 12:49 schrieb Dennis Hitzigrath d@... [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com>:
>
> Hi Don!
> No, it’s probably more like 45 seconds. But yes, that’s what I meant!
>
> Thanks for your comment.
>
> dennis.hitzigrath
>> El 04/07/2016, a las 12:32, Donald Jacob wb5eku@... [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com> escribió:
>>
>>
>> Dennis,
>> Not sure what you mean by "over", but it is possible that you timed out. There is a 3
minute
>> timer that drops the connection. Try shorter transmissions.
>> The Pi 1B is good to run the gmsk modem.
>>
>> Don
>> WB5EKU
>>
>>
>>> On Mon, Jul 4, 2016 at 8:17 AM, Dennis Hitzigrath d@... [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com> wrote:
>>> This mainly happens when the “over” is too long, and today, for example, after making a long QSO with my friend locally (UR:CQCQCQ) after a while the hot spot gave up and I can’t reach it right now. I left a terminal open at home and will se when I’m back if the

raspberry is frozen or if only the service is dead. (Raspberry Pi 1B) running (don’t remember right now the image it’s running).
>>>
>>> Will come back with more details when I have them.
>>>
>>> I’ve thought about using a raspberry Pi2, maybe it’s too much for the old thing!
>>>
>>> Thanks,
>>> dennis.hitzigrath
>>> El 04/07/2016, a las 08:00, Dennis Hitzigrath d@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> escribió:
>>>
>>> > Good morning everybody!
>>> > Besides the issue where the ID and/or the INFO is not being shown on the ID-51 (sometimes, not always), it happens sometimes that when I’m on mobile and I let go of the PTT I don’t get the beep back from the Hotspot (Star board with FT-8800R). And the other person on the Reflector only gets part of what I said…
>>> >
>>> > Is this a software issue or a Hardware issue? Any ideas? Need more info?
>>> >
>>> > Happy Jul/4!
>>> >
>>> > 73,
>>> > dennis.hitzigrath
>>> > XE1/N4DMH
>>> >
>>> >
>>> >
>>> >
>>> > ------------------------------------
>>> >
>>> > ------------------------------------
>>> >
>>> > Questions? Check out our Frequently Asked Questions: http://www.gmskdvnode.info/
>>> > ------------------------------------
>>> >
>>> > Yahoo Groups Links
>>> >
>>> >
>>> >
>

12065. Step by Step

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-07-06 17:58:08 UTC
From: W 6 N I T
Topic: 12065 Message: 12065

To Whom It My Concern,

I am in need of some help in that I am trying to use my new Icom ID-5100A Deluxe and having a lot of problems as to what to do to 'Connect to a reflector using a reflector to connect to another reflector or vise - verse. In other words I am in need of a 'STEP BY STEP" instructions on how to! With this tough screen I am having a bunch of problems. Short tough or long tough and where to or how to this is where I am getting lost big time. Can anyone please help me.

Ron Collings
W 6 N I T
D-Star #
3106894
El Macero, CA
w6nit@...

12066. FTM-350AR with Matrix Circuit Star* Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-07-07 08:53:42 UTC
From: yngwie.chou@...
Topic: 12066 Message: 12066

Hello,

I've finally got the Matrix Circuit Star* board almost working with my YAESU FTM-350AR.
The RX is working fine, however it seems TX is quite weird.

With Echo Test, the FTM-350 does transmit audio message sent by the NAWinTEST to RF.
However, the Echo Test RF signal received on IC-91AD is broken, choppy and R2D2 like, and
the same signal received on ICOM ID-51A well, but wasn't decoded back to audio signal.

Does there anyone happen to have similar issue ?
Will appreciate if anyone can shed some lights.

73,
Yngwie

BX2AFC

12067. Re: [gmsk_dv_node] FTM-350AR with Matrix Circuit Star* Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-07-07 10:30:21 UTC
From: Yngwie Chou
Topic: 12066 Message: 12067
Attachments: 1 described; binary payloads are missing from this source WARC

Hi all,

Issue resolved.
After rewiring the TNC connector, now FTM-350 works fine with Star* DV Board.

73,
Yngwie
BX2AFC

> On Jul 7, 2016, at 16:53, yngwie.chou@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
>
> Hello,
>
>
>
> I've finally got the Matrix Circuit Star* board almost working with my YAESU FTM-350AR.
>
> The RX is working fine, however it seems TX is quite weird.
>
>
>
> With Echo Test, the FTM-350 does transmit audio message sent by the NAWinTEST to RF.
>
> However, the Echo Test RF signal received on IC-91AD is broken, choppy and R2D2 like, and the same signal received on ICOM ID-51A well, but wasn't decoded back to audio signal.
>
>
>
> Does there anyone happen to have similar issue ?
>
> Will appreciate if anyone can shed some lights.
>
>
>
> 73,
>
> Yngwie
>
>
> BX2AFC
>
>
>

>
>

12068. Re: [gmsk_dv_node] FTM-350AR with Matrix Circuit Star* Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-07-07 10:34:00 UTC
From: Dennis Hitzigrath
Topic: 12066 Message: 12068

Hello Yngwie!
Can you explain what exactly you changed?
Thank you.
73
XE1/N4DMH

•-•-•
dennis.hitzigrath
Message sent from cellphone.

> Am 07/07/2016 um 5:30 schrieb Yngwie Chou yngwie.chou@...m [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com>:
>
> Hi all,
>
> Issue resolved.
> After rewiring the TNC connector, now FTM-350 works fine with Star* DV Board.
>
> 73,
> Yngwie
> BX2AFC
>
>
>
>> On Jul 7, 2016, at 16:53, yngwie.chou@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com>
wrote:
>>
>>
>> Hello,
>>
>>
>>
>> I've finally got the Matrix Circuit Star* board almost working with my YAESU FTM-350AR.
>>
>> The RX is working fine, however it seems TX is quite weird.
>>
>>
>>
>> With Echo Test, the FTM-350 does transmit audio message sent by the NAWinTEST to RF.
>>
>> However, the Echo Test RF signal received on IC-91AD is broken, choppy and R2D2 like,
and the same signal received on ICOM ID-51A well, but wasn't decoded back to audio signal.
>>
>>
>>

>> Does there anyone happen to have similar issue ?
>>
>> Will appreciate if anyone can shed some lights.
>>
>>
>>
>> 73,
>>
>> Yngwie
>>
>>
>> BX2AFC
>>
>

12069. Re: [gmsk_dv_node] FTM-350AR with Matrix Circuit Star* Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-07-07 12:46:31 UTC
From: Yngwie Chou
Topic: 12066 Message: 12069
Attachments: 1 described; binary payloads are missing from this source WARC

Please ignore the FTM-350 VOX setting part, I just realized, it is set to OFF anyway.

73,
Yngwie
BX2AFC

> On Jul 7, 2016, at 20:32, Yngwie Chou <yngwie.chou@...> wrote:
>
> Hi Dennis,
>
> I just re-solder my TNC cable again as below:
>
> Here’s the TNC cable pinout:
>
>
> FTM-350 (8 pin) Star* DV Board DB-9
> ==
> 1 PKD (Packet Data Input) ——— 1 TX
> 2 GND ——————————— 5 and 8 GND
> 3 PKS (PTT) ——————————— 4 PTT
> 4 RX96 (9600 Packet Data Output) ——— 3 RX
> 6 SQL ——————————— 2 COS/SQL
>
> DO NOT use the MIC and SPEAKER for DV Board input/output.
> Use the DATA port behind the FTM-350 and make a TNC cable with pinout mentioned above.
> FTM-350 has internal audio filters which will cause issues.
>
> On FTM-350
> ==============
> Set FTM-350’s B07 VOX SENSITIVITY to HIGH (under TX/RX in SETUP) as well.
> FTM-350 needs higher level input signal.
>
> Remember to turn OFF the INPUT and OUTPUT in E16 COM PORT SETTING under APRS/PKT
>
> On Star* DV Board
> ================
> Set R36 to 3:00 (min=7:00 max=5:00), again FTM-350 needs higher level input signal.
> And you need to configure it with NAWinConfig, set both TX and RX with INVERT
> Then use NAWinTest to test it with Echo Test.
>
> Hope this helps.
>
> 73,
> Yngwie

> BX2AFC
>
>
>
>
>> On Jul 7, 2016, at 18:34, Dennis Hitzigrath d@ha.lc <mailto:d@...> [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>> wrote:
>>
>>
>> Hello Yngwie!
>> Can you explain what exactly you changed?
>> Thank you.
>> 73
>> XE1/N4DMH
>>
>>
>> •-•-•
>> dennis.hitzigrath
>> Message sent from cellphone.
>>
>> Am 07/07/2016 um 5:30 schrieb Yngwie Chou yngwie.chou@gmail.com
<mailto:yngwie.chou@...> [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com
<mailto:gmsk_dv_node@yahoogroups.com>>:
>>
>>> Hi all,
>>>
>>> Issue resolved.
>>> After rewiring the TNC connector, now FTM-350 works fine with Star* DV Board.
>>>
>>> 73,
>>> Yngwie
>>> BX2AFC
>>>
>>>
>>>
>>>> On Jul 7, 2016, at 16:53, yngwie.chou@... <mailto:yngwie.chou@gmail.com>
[gmsk_dv_node] <gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>> wrote:
>>>>
>>>>
>>>> Hello,
>>>>
>>>>
>>>>
>>>> I've finally got the Matrix Circuit Star* board almost working with my YAESU
FTM-350AR.
>>>>
>>>> The RX is working fine, however it seems TX is quite weird.
>>>>
>>>>
>>>>

>>>> With Echo Test, the FTM-350 does transmit audio message sent by the NAWinTEST to RF.
>>>>
>>>> However, the Echo Test RF signal received on IC-91AD is broken, choppy and R2D2 like, and the same signal received on ICOM ID-51A well, but wasn't decoded back to audio signal.
>>>>
>>>>
>>>>
>>>> Does there anyone happen to have similar issue ?
>>>>
>>>> Will appreciate if anyone can shed some lights.
>>>>
>>>>
>>>>
>>>> 73,
>>>>
>>>> Yngwie
>>>>
>>>>
>>>> BX2AFC
>>>>
>>>>
>>>>
>>>>
>>>
>>
>>
>

12070. Re: [gmsk_dv_node] FTM-350AR with Matrix Circuit Star* Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-07-07 12:32:27 UTC
From: Yngwie Chou
Topic: 12066 Message: 12070
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Dennis,

I just re-solder my TNC cable again as below:

Here’s the TNC cable pinout:

FTM-350 (8 pin) Star* DV Board DB-9
==========
1 PKD (Packet Data Input) ——— 1 TX
2 GND ——————— 5 and 8 GND
3 PKS (PTT) ——————— 4 PTT
4 RX96 (9600 Packet Data Output) ——— 3 RX
6 SQL ——————— 2 COS/SQL

DO NOT use the MIC and SPEAKER for DV Board input/output.
Use the DATA port behind the FTM-350 and make a TNC cable with pinout mentioned above.
FTM-350 has internal audio filters which will cause issues.

On FTM-350
==========
Set FTM-350’s B07 VOX SENSITIVITY to HIGH (under TX/RX in SETUP) as well.
FTM-350 needs higher level input signal.

Remember to turn OFF the INPUT and OUTPUT in E16 COM PORT SETTING under APRS/PKT

On Star* DV Board
==========
Set R36 to 3:00 (min=7:00 max=5:00), again FTM-350 needs higher level input signal.
And you need to configure it with NAWinConfig, set both TX and RX with INVERT
Then use NAWinTest to test it with Echo Test.

Hope this helps.

73,
Yngwie
BX2AFC

> On Jul 7, 2016, at 18:34, Dennis Hitzigrath d@... [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com> wrote:
>
>
> Hello Yngwie!
> Can you explain what exactly you changed?
> Thank you.
> 73
> XE1/N4DMH

>
>
> •-•-•
> dennis.hitzigrath
> Message sent from cellphone.
>
> Am 07/07/2016 um 5:30 schrieb Yngwie Chou yngwie.chou@... <mailto:yngwie.chou@gmail.com>
[gmsk_dv_node] <gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>>:
>
>> Hi all,
>>
>> Issue resolved.
>> After rewiring the TNC connector, now FTM-350 works fine with Star* DV Board.
>>
>> 73,
>> Yngwie
>> BX2AFC
>>
>>
>>
>>> On Jul 7, 2016, at 16:53, yngwie.chou@gmail.com <mailto:yngwie.chou@...>
[gmsk_dv_node] <gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>> wrote:
>>>
>>>
>>> Hello,
>>>
>>>
>>>
>>> I've finally got the Matrix Circuit Star* board almost working with my YAESU FTM-350AR.
>>>
>>> The RX is working fine, however it seems TX is quite weird.
>>>
>>>
>>>
>>> With Echo Test, the FTM-350 does transmit audio message sent by the NAWinTEST to RF.
>>>
>>> However, the Echo Test RF signal received on IC-91AD is broken, choppy and R2D2 like,
and the same signal received on ICOM ID-51A well, but wasn't decoded back to audio signal.
>>>
>>>
>>>
>>> Does there anyone happen to have similar issue ?
>>>
>>> Will appreciate if anyone can shed some lights.
>>>
>>>
>>>
>>> 73,
>>>
>>> Yngwie

>>>
>>>
>>> BX2AFC
>>>
>>>
>>>
>>>
>>
>
>

12071. Re: [gmsk_dv_node] FTM-350AR with Matrix Circuit Star* Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-07-07 13:41:42 UTC
From: Yngwie Chou
Topic: 12066 Message: 12071
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Dennis,

I just figured out there's a very important setting under APRS/PKT setting menu.

E18 DATA SPEED –> 2 DATA –> Must be set as 9600 bps

73,
Yngwie
BX2AFC

> On Jul 7, 2016, at 20:46, Yngwie Chou <yngwie.chou@...> wrote:
>
> Please ignore the FTM-350 VOX setting part, I just realized, it is set to OFF anyway.
>
>
>> On Jul 7, 2016, at 20:32, Yngwie Chou <yngwie.chou@...> wrote:
>>
>> Hi Dennis,
>>
>> I just re-solder my TNC cable again as below:
>>
>> Here's the TNC cable pinout:
>>
>>
>> FTM-350 (8 pin) Star* DV Board DB-9
>> ==
>> 1 PKD (Packet Data Input) ——————— 1 TX
>> 2 GND ——————————————— 5 and 8 GND
>> 3 PKS (PTT) ———————————— 4 PTT
>> 4 RX96 (9600 Packet Data Output) ———— 3 RX
>> 6 SQL ——————————————— 2 COS/SQL
>>
>> DO NOT use the MIC and SPEAKER for DV Board input/output.
>> Use the DATA port behind the FTM-350 and make a TNC cable with pinout mentioned above.
>> FTM-350 has internal audio filters which will cause issues.
>>
>> On FTM-350
>> ==========
>> Set FTM-350's B07 VOX SENSITIVITY to HIGH (under TX/RX in SETUP) as well.
>> FTM-350 needs higher level input signal.
>>
>> Remember to turn OFF the INPUT and OUTPUT in E16 COM PORT SETTING under APRS/PKT
>>
>> On Star* DV Board
>> ================

>> Set R36 to 3:00 (min=7:00 max=5:00), again FTM-350 needs higher level input signal.
>> And you need to configure it with NAWinConfig, set both TX and RX with INVERT
>> Then use NAWinTest to test it with Echo Test.
>>
>> Hope this helps.
>>
>> 73,
>> Yngwie
>> BX2AFC
>>
>>
>>
>>
>>> On Jul 7, 2016, at 18:34, Dennis Hitzigrath d@... <mailto:d@...> [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>> wrote:
>>>
>>>
>>> Hello Yngwie!
>>> Can you explain what exactly you changed?
>>> Thank you.
>>> 73
>>> XE1/N4DMH
>>>
>>>
>>> •-•-•
>>> dennis.hitzigrath
>>> Message sent from cellphone.
>>>
>>> Am 07/07/2016 um 5:30 schrieb Yngwie Chou yngwie.chou@... <mailto:yngwie.chou@...>
[gmsk_dv_node] <gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>>:
>>>
>>>> Hi all,
>>>>
>>>> Issue resolved.
>>>> After rewiring the TNC connector, now FTM-350 works fine with Star* DV Board.
>>>>
>>>> 73,
>>>> Yngwie
>>>> BX2AFC
>>>>
>>>>
>>>>
>>>>> On Jul 7, 2016, at 16:53, yngwie.chou@gmail.com <mailto:yngwie.chou@...>
[gmsk_dv_node] <gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>> wrote:
>>>>>
>>>>>
>>>>> Hello,
>>>>>
>>>>>
>>>>>

>>>>> I've finally got the Matrix Circuit Star* board almost working with my YAESU FTM-350AR.
>>>>>
>>>>> The RX is working fine, however it seems TX is quite weird.
>>>>>
>>>>>
>>>>>
>>>>> With Echo Test, the FTM-350 does transmit audio message sent by the NAWinTEST to RF.
>>>>>
>>>>> However, the Echo Test RF signal received on IC-91AD is broken, choppy and R2D2 like, and the same signal received on ICOM ID-51A well, but wasn't decoded back to audio signal.
>>>>>
>>>>>
>>>>>
>>>>> Does there anyone happen to have similar issue ?
>>>>>
>>>>> Will appreciate if anyone can shed some lights.
>>>>>
>>>>>
>>>>>
>>>>> 73,
>>>>>
>>>>> Yngwie
>>>>>
>>>>>
>>>>> BX2AFC
>>>>>
>>>>>
>>>>>
>>>>>
>>>>
>>>
>>>
>>
>

12072. Re: [gmsk_dv_node] FTM-350AR with Matrix Circuit Star* Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-07-08 03:09:49 UTC
From: Yngwie Chou
Topic: 12066 Message: 12072
Attachments: 1 described; binary payloads are missing from this source WARC

Ok, here’s a recap of all my settings to make FTM-350 running with DV Board.

TNC cable pinout:

```
FTM-350 (8 pin) Star* DV Board DB-9
=========================================
1 PKD (Packet Data Input) ———— 1 TX
2 GND ——————————— 5 and 8 GND
3 PKS (PTT) ———————————— 4 PTT
4 RX96 (9600 Packet Data Output) ——— 3 RX
6 SQL ——————————————— 2 COS/SQL
```

DO NOT use the MIC and SPEAKER for DV Board input/output.
Use the DATA port behind the FTM-350 and make a TNC cable with pinout mentioned above.
FTM-350 has internal audio filters which will cause issues.

On FTM-350
==========
1. Turn OFF the INPUT and OUTPUT in E16 COM PORT SETTING under APRS/PKT

2. Under APRS/PKT setting, set E18 DATA SPEED –> 2 DATA –> 9600 bps

3. Do NOT enable any Band Scope feature on FTM-350, I found that it will cause R2D2 effect.
You can run Main Band (for DV TX/RX) and Sub Band at the same time, but do NOT MUTE sub band since it will turn on the Band Scope by default.

On Star* DV Board
==========

1. Set R36 to 3:00 (min=7:00 max=5:00), again FTM-350 needs higher level input signal.

2. And you need to configure it with NAWinConfig, set both TX and RX with INVERT
Then use NAWinTest to test it with Echo Test.

73,
Yngwie
BX2AFC

> On Jul 7, 2016, at 21:41, Yngwie Chou <yngwie.chou@...> wrote:
>
> Hi Dennis,
>
> I just figured out there’s a very important setting under APRS/PKT setting menu.
>
> E18 DATA SPEED –> 2 DATA –> Must be set as 9600 bps
>
> 73,

> Yngwie
> BX2AFC
>
>
>
>> On Jul 7, 2016, at 20:46, Yngwie Chou <yngwie.chou@gmail.com <mailto:yngwie.chou@...>>
wrote:
>>
>> Please ignore the FTM-350 VOX setting part, I just realized, it is set to OFF anyway.
>>
>>
>>> On Jul 7, 2016, at 20:32, Yngwie Chou <yngwie.chou@... <mailto:yngwie.chou@...>>
wrote:
>>>
>>> Hi Dennis,
>>>
>>> I just re-solder my TNC cable again as below:
>>>
>>> Here’s the TNC cable pinout:
>>>
>>>
>>> FTM-350 (8 pin) Star* DV Board DB-9
>>> ==
>>> 1 PKD (Packet Data Input) ——————— 1 TX
>>> 2 GND ——————————————— 5 and 8 GND
>>> 3 PKS (PTT) ———————————— 4 PTT
>>> 4 RX96 (9600 Packet Data Output) ———— 3 RX
>>> 6 SQL ——————————————— 2 COS/SQL
>>>
>>> DO NOT use the MIC and SPEAKER for DV Board input/output.
>>> Use the DATA port behind the FTM-350 and make a TNC cable with pinout mentioned above.
>>> FTM-350 has internal audio filters which will cause issues.
>>>
>>> On FTM-350
>>> ==============
>>> Set FTM-350’s B07 VOX SENSITIVITY to HIGH (under TX/RX in SETUP) as well.
>>> FTM-350 needs higher level input signal.
>>>
>>> Remember to turn OFF the INPUT and OUTPUT in E16 COM PORT SETTING under APRS/PKT
>>>
>>> On Star* DV Board
>>> ================
>>> Set R36 to 3:00 (min=7:00 max=5:00), again FTM-350 needs higher level input signal.
>>> And you need to configure it with NAWinConfig, set both TX and RX with INVERT
>>> Then use NAWinTest to test it with Echo Test.
>>>
>>> Hope this helps.
>>>
>>> 73,
>>> Yngwie

>>> BX2AFC
>>>
>>>
>>>
>>>
>>>> On Jul 7, 2016, at 18:34, Dennis Hitzigrath d@... <mailto:d@...> [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>> wrote:
>>>>
>>>>
>>>> Hello Yngwie!
>>>> Can you explain what exactly you changed?
>>>> Thank you.
>>>> 73
>>>> XE1/N4DMH
>>>>
>>>>
>>>> •-•-•
>>>> dennis.hitzigrath
>>>> Message sent from cellphone.
>>>>
>>>> Am 07/07/2016 um 5:30 schrieb Yngwie Chou yngwie.chou@...
<mailto:yngwie.chou@gmail.com> [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com
<mailto:gmsk_dv_node@yahoogroups.com>>:
>>>>
>>>>> Hi all,
>>>>>
>>>>> Issue resolved.
>>>>> After rewiring the TNC connector, now FTM-350 works fine with Star* DV Board.
>>>>>
>>>>> 73,
>>>>> Yngwie
>>>>> BX2AFC
>>>>>
>>>>>
>>>>>
>>>>>> On Jul 7, 2016, at 16:53, yngwie.chou@... <mailto:yngwie.chou@...> [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>> wrote:
>>>>>>
>>>>>>
>>>>>> Hello,
>>>>>>
>>>>>>
>>>>>>
>>>>>> I've finally got the Matrix Circuit Star* board almost working with my YAESU
FTM-350AR.
>>>>>>
>>>>>> The RX is working fine, however it seems TX is quite weird.
>>>>>>
>>>>>>
>>>>>>

>>>>>> With Echo Test, the FTM-350 does transmit audio message sent by the NAWinTEST to RF.
>>>>>>
>>>>>> However, the Echo Test RF signal received on IC-91AD is broken, choppy and R2D2 like, and the same signal received on ICOM ID-51A well, but wasn't decoded back to audio signal.
>>>>>>
>>>>>>
>>>>>>
>>>>>> Does there anyone happen to have similar issue ?
>>>>>>
>>>>>> Will appreciate if anyone can shed some lights.
>>>>>>
>>>>>>
>>>>>>
>>>>>> 73,
>>>>>>
>>>>>> Yngwie
>>>>>>
>>>>>>
>>>>>> BX2AFC
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>>>>>
>>>>
>>>>
>>>
>>
>

12073. Is it possible to enable DUPLEX/REPEATER with single radio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-07-09 14:09:41 UTC
From: yngwie.chou@...
Topic: 12073 Message: 12073

Hello all,

I successfully get the GMSK modem working in Half Duplex with my Radio working with a frequency say 145.000 MHz and DUP+ offset 0.6Mhz.

My understanding is the my radio will do the TX on 145.600 MHz and RX on 145.000 MHz in this case.

In order to get my hand held radio - say ID-51 to work, I need to tweek the DV frequency vice versa, say 145.600 Mhz with DUP- 0.6 Mhz, in other words, TX on 145.000 MHz and RX 145.600 MHz.

so far, it works well. But that brought me a question: if I enable the duplex mode on the GMSK modem, can I still get the above running and also can I change the dstarrepeater setting to REPEATER instead of SIMPLEX in this case?

Appreciate for any input!

73,
Yngwie
BX2AFC

12074. RE: [gmsk_dv_node] Is it possible to enable DUPLEX/REPEATER with single radio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-07-10 04:33:45 UTC
From: Jim Moen
Topic: 12073 Message: 12074

You may not want to set up a second analog radio and install a duplexer to prevent the TX radio from desensing the RX radio, but yes, you can convert your one radio hotspot to a full duplex repeater. If you want to stay with one radio, keep both the firmware and hotspot software in simplex mode. As you are currently set up, simplex just means RX and TX are done one at a time. They can be done on different frequencies, as you are doing. On simplex, I usually use the same frequency for both RX and TX, but I set the radio to DUP with zero offset. This causes ICOM D-Star radios to transmit the RPT1& RPT2 values, which they don't do when DUP is off. Jim K6JM
-------- Original message --------
From: "yngwie.chou@gmail.com [gmsk_dv_node]"
Date:07/09/2016 07:09 (GMT-08:00)
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Is it possible to enable DUPLEX/REPEATER with single radio

Hello all, I successfully get the GMSK modem working in Half Duplex with my Radio working with a frequency say 145.000 MHz and DUP+ offset 0.6Mhz. My understanding is the my radio will do the TX on 145.600 MHz and RX on 145.000 MHz in this case. In order to get my hand held radio - say ID-51 to work, I need to tweek the DV frequency vice versa, say 145.600 Mhz with DUP- 0.6 Mhz, in other words, TX on 145.000 MHz and RX 145.600 MHz. so far, it works well. But that brought me a question: if I enable the duplex mode on the GMSK modem, can I still get the above running and also can I change the dstarrepeater setting to REPEATER instead of SIMPLEX in this case? Appreciate for any input! 73, Yngwie BX2AFC

12075. Re: [gmsk_dv_node] Is it possible to enable DUPLEX/REPEATER with single radio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-07-10 08:37:19 UTC
From: Yngwie Chou
Topic: 12073 Message: 12075
Attachments: 1 described; binary payloads are missing from this source WARC

Thanks for your kindly explanation, Jim.

I figured out running the hotspot radio at a single freq without DUP might be the better than using DUP. At least it is simpler for troubleshooting.

In D-STAR, I think a repeater is usually referred as a same band repeater, that’s why a multiplexer might be necessary. That’s where I was confused, and it is now clear.
What I was trying to do was using a crossband FM repeater (without a DV board) such as ID-5100 or IC-2820 to extend the range of my hotspot.
It works (only for ID-5100 and IC-2820H as I know so far), but there’s a drawback: whatever FM signal can trigger the repeater. In FM, although I can use TONE to control the trigger, however, if the signal source is a native DV radio, I can’t find a way to make it sending FM TONE together with DV.

But, it is a good experiment anyway.

73,
Yngwie
BX2AFC

> On Jul 10, 2016, at 12:33, Jim Moen jim@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
> You may not want to set up a second analog radio and install a duplexer to prevent the TX radio from desensing the RX radio, but yes, you can convert your one radio hotspot to a full duplex repeater.
>
>
> If you want to stay with one radio, keep both the firmware and hotspot software in simplex mode. As you are currently set up, simplex just means RX and TX are done one at a time. They can be done on different frequencies, as you are doing.
>
> On simplex, I usually use the same frequency for both RX and TX, but I set the radio to DUP with zero offset. This causes ICOM D-Star radios to transmit the RPT1& RPT2 values, which they don't do when DUP is off.
>
> Jim K6JM
>
>
> -------- Original message --------
> From: "yngwie.chou@... <mailto:yngwie.chou@...> [gmsk_dv_node]"
> Date:07/09/2016 07:09 (GMT-08:00)
> To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>
> Subject: [gmsk_dv_node] Is it possible to enable DUPLEX/REPEATER with single radio

>
>
>
> Hello all,
>
>
>
> I successfully get the GMSK modem working in Half Duplex with my Radio working with a frequency say 145.000 MHz and DUP+ offset 0.6Mhz.
>
>
>
> My understanding is the my radio will do the TX on 145.600 MHz and RX on 145.000 MHz in this case.
>
>
>
> In order to get my hand held radio - say ID-51 to work, I need to tweek the DV frequency vice versa, say 145.600 Mhz with DUP- 0.6 Mhz, in other words, TX on 145.000 MHz and RX 145.600 MHz.
>
>
>
> so far, it works well. But that brought me a question: if I enable the duplex mode on the GMSK modem, can I still get the above running and also can I change the dstarrepeater setting to REPEATER instead of SIMPLEX in this case?
>
>
>
> Appreciate for any input!
>
>
>
> 73,
>
> Yngwie
>
> BX2AFC
>
>
>
>

12076. Re: Is it possible to enable DUPLEX/REPEATER with single radio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-07-10 14:55:14 UTC
From: m1dns.gb3hb@...
Topic: 12073 Message: 12076

No. Not with the same radio. You need two radios for duplex, as your one single radio cannot transmit and receive at the same time. (maybe if you run x-band RX on 2m TX on 70cms maybe) but not in the same band as you have listed.

As Jin replyed you will need 2 radios, one to TX, one to RX and a duplex filter so the TX doesn't desensitise the RX radio.

A.

---In gmsk_dv_node@yahoogroups.com, <yngwie.chou@...> wrote :

Hello all,

I successfully get the GMSK modem working in Half Duplex with my Radio working with a frequency say 145.000 MHz and DUP+ offset 0.6Mhz.

My understanding is the my radio will do the TX on 145.600 MHz and RX on 145.000 MHz in this case.

In order to get my hand held radio - say ID-51 to work, I need to tweek the DV frequency vice versa, say 145.600 Mhz with DUP- 0.6 Mhz, in other words, TX on 145.000 MHz and RX 145.600 MHz.

so far, it works well. But that brought me a question: if I enable the duplex mode on the GMSK modem, can I still get the above running and also can I change the dstarrepeater setting to REPEATER instead of SIMPLEX in this case?

Appreciate for any input!

73,
Yngwie
BX2AFC

12077. Re: [gmsk_dv_node] Re: Is it possible to enable DUPLEX/REPEATER with single radio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-07-10 15:04:42 UTC
From: Yngwie Chou
Topic: 12073 Message: 12077
Attachments: 1 described; binary payloads are missing from this source WARC

Thanks A, I’m now have a more clear picture on how D-STAR repeater works.

73,
Yngwie
BX2AFC

> On Jul 10, 2016, at 22:55, m1dns.gb3hb@gmail.com [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
> No. Not with the same radio. You need two radios for duplex, as your one single radio cannot transmit and receive at the same time. (maybe if you run x-band RX on 2m TX on 70cms maybe) but not in the same band as you have listed.
>
>
> As Jin replyed you will need 2 radios, one to TX, one to RX and a duplex filter so the TX doesn't desensitise the RX radio.
>
> A.
>
>
> ---In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>, <yngwie.chou@...> wrote :
>
> Hello all,
>
>
>
> I successfully get the GMSK modem working in Half Duplex with my Radio working with a frequency say 145.000 MHz and DUP+ offset 0.6Mhz.
>
>
>
> My understanding is the my radio will do the TX on 145.600 MHz and RX on 145.000 MHz in this case.
>
>
>
> In order to get my hand held radio - say ID-51 to work, I need to tweek the DV frequency vice versa, say 145.600 Mhz with DUP- 0.6 Mhz, in other words, TX on 145.000 MHz and RX 145.600 MHz.
>
>
>

> so far, it works well. But that brought me a question: if I enable the duplex mode on the GMSK modem, can I still get the above running and also can I change the dstarrepeater setting to REPEATER instead of SIMPLEX in this case?
>
>
>
> Appreciate for any input!
>
>
>
> 73,
>
> Yngwie
>
> BX2AFC
>
>
>

12078. Re: [gmsk_dv_node] Re: Is it possible to enable DUPLEX/REPEATER with single radio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-07-10 15:16:21 UTC
From: Vince P
Topic: 12073 Message: 12078

Hi you can't do repeater duplex on a single radio. However you can setup the Dstar software in simplex mode and can program the radio in duplex mode. It has worked for me in the passed with no issues.

Vince.

> On Jul 10, 2016, at 11:04 AM, Yngwie Chou yngwie.chou@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
> Thanks A, I’m now have a more clear picture on how D-STAR repeater works.
>
> 73,
> Yngwie
> BX2AFC
>
>
>> On Jul 10, 2016, at 22:55, m1dns.gb3hb@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>>
>> No. Not with the same radio. You need two radios for duplex, as your one single radio cannot transmit and receive at the same time. (maybe if you run x-band RX on 2m TX on 70cms maybe) but not in the same band as you have listed.
>>
>>
>> As Jin replyed you will need 2 radios, one to TX, one to RX and a duplex filter so the TX doesn't desensitise the RX radio.
>>
>> A.
>>
>>
>> ---In gmsk_dv_node@yahoogroups.com, <yngwie.chou@...> wrote :
>>
>> Hello all,
>>
>>
>>
>> I successfully get the GMSK modem working in Half Duplex with my Radio working with a frequency say 145.000 MHz and DUP+ offset 0.6Mhz.
>>
>>
>>
>> My understanding is the my radio will do the TX on 145.600 MHz and RX on 145.000 MHz in this case.
>>

>>
>>
>> In order to get my hand held radio - say ID-51 to work, I need to tweek the DV frequency vice versa, say 145.600 Mhz with DUP- 0.6 Mhz, in other words, TX on 145.000 MHz and RX 145.600 MHz.
>>
>>
>>
>> so far, it works well. But that brought me a question: if I enable the duplex mode on the GMSK modem, can I still get the above running and also can I change the dstarrepeater setting to REPEATER instead of SIMPLEX in this case?
>>
>>
>>
>> Appreciate for any input!
>>
>>
>>
>> 73,
>>
>> Yngwie
>>
>> BX2AFC
>>
>

12079. Re: [gmsk_dv_node] Re: Is it possible to enable DUPLEX/REPEATER with single radio

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-07-10 15:20:18 UTC
From: Yngwie Chou
Topic: 12073 Message: 12079
Attachments: 1 described; binary payloads are missing from this source WARC

Thanks for your suggestion Vince, that’s exactly what I realized.

73,
Yngwie
BX2AFC

> On Jul 10, 2016, at 23:16, Vince P ve3elb@... [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com> wrote:
>
>
> Hi you can't do repeater duplex on a single radio. However you can setup the Dstar software in simplex mode and can program the radio in duplex mode. It has worked for me in the passed with no issues.
>
> Vince.
>
> On Jul 10, 2016, at 11:04 AM, Yngwie Chou yngwie.chou@... <mailto:yngwie.chou@...>
[gmsk_dv_node] <gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>> wrote:
>
>> Thanks A, I’m now have a more clear picture on how D-STAR repeater works.
>>
>> 73,
>> Yngwie
>> BX2AFC
>>
>>
>>> On Jul 10, 2016, at 22:55, m1dns.gb3hb@... <mailto:m1dns.gb3hb@...> [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>> wrote:
>>>
>>> No. Not with the same radio. You need two radios for duplex, as your one single radio cannot transmit and receive at the same time. (maybe if you run x-band RX on 2m TX on 70cms maybe) but not in the same band as you have listed.
>>>
>>>
>>> As Jin replyed you will need 2 radios, one to TX, one to RX and a duplex filter so the TX doesn't desensitise the RX radio.
>>>
>>> A.
>>>
>>>
>>> ---In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>,
<yngwie.chou@...> wrote :
>>>

>>> Hello all,
>>>
>>>
>>>
>>> I successfully get the GMSK modem working in Half Duplex with my Radio working with a frequency say 145.000 MHz and DUP+ offset 0.6Mhz.
>>>
>>>
>>>
>>> My understanding is the my radio will do the TX on 145.600 MHz and RX on 145.000 MHz in this case.
>>>
>>>
>>>
>>> In order to get my hand held radio - say ID-51 to work, I need to tweek the DV frequency vice versa, say 145.600 Mhz with DUP- 0.6 Mhz, in other words, TX on 145.000 MHz and RX 145.600 MHz.
>>>
>>>
>>>
>>> so far, it works well. But that brought me a question: if I enable the duplex mode on the GMSK modem, can I still get the above running and also can I change the dstarrepeater setting to REPEATER instead of SIMPLEX in this case?
>>>
>>>
>>>
>>> Appreciate for any input!
>>>
>>>
>>>
>>> 73,
>>>
>>> Yngwie
>>>
>>> BX2AFC
>>>
>>>
>>
>
>

12080. Fwd: [ambe] New file uploaded to ambe@nw-digital-radio.groups.io

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-07-16 16:37:27 UTC
From: John D. Hays
Topic: 12080 Message: 12080

---------- Forwarded message ----------
From: ambe@... Notification <
ambe+notification@...>
Date: Sat, Jul 16, 2016 at 9:35 AM
Subject: [ambe] New file uploaded to ambe@...
To: ambe@...

Hello,

This email message is a notification to let you know that a file has been
uploaded to the Files area of the ambe@... group.

File: windv-1.5.8p3-win32-setup.exe

Uploaded By: John Hays

Description:
WinDV 1.5.8p3 setup package. While Dutch-Star.eu gets their DNS sorted out,
we have permission to make this available to the community. It will be
removed when service is restored.

You can access this file at the URL:
https://nw-digital-radio.groups.io/g/ambe/files/windv-1.5.8p3-win32-setup.exe

Cheers,
The Groups.io Team
-·-'-·-'-

Groups.io Links:

You receive all messages sent to this group.

View This Message (#3) <https://nw-digital-radio.groups.io/g/ambe/message/3>
Reply To Group
<ambe@...?subject=Re:%20%5Bambe%5D%20New%20file%20uploaded%20to%20ambe%40nw-digital-radio.
groups.io>
Mute This Thread <https://groups.io/mt/2231097?uid=112148>

Change Your Subscription
<https://nw-digital-radio.groups.io/g/ambe/editsub?uid=2231097>
Unsubscribe From This Group
<https://nw-digital-radio.groups.io/g/ambe/leave/248305/606680904/xyzzy>

Group Home <https://nw-digital-radio.groups.io/g/ambe>
Contact Group Owner <ambe+owner@...>
Terms Of Service <https://groups.io/static/tos>
-·-'-·-'-

--

John D. Hays
K7VE

PO Box 1223, Edmonds, WA 98020-1223
<http://k7ve.org/blog> <http://twitter.com/#!/john_hays>

12081. Re: WinDV Keeps Disconnecting.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-07-17 03:35:46 UTC
From: demiansims@...
Topic: 12057 Message: 12081

I had this problem too.

12082. I have FORSALE 2 Matrix Circuits Star Board GMSK Node Adapter from Moencomm.com

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-07-21 23:04:20 UTC
From: trjames@...
Topic: 12082 Message: 12082

the Star*Board from Moencomm has the firmware that can be used on a Raspberry Pi new they are 119.00 I will let them go for 100.00 each plus shipping and accept paypal only. Total out the door is 110.00 they will ship usps this is the board only not kit. Priority Mail and tracking will be provided when Items it paid for.

12083. Re: I have FORSALE 2 Matrix Circuits Star Board GMSK Node Adapter from Moencomm.com

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-07-21 23:16:13 UTC
From: Dan @ Grandjean, ID
Topic: 12082 Message: 12083

There are individual firmware licenses associated with each of those Star*Board GMSK modems, but sure to include the license that goes with each of those GMSK modems when selling them...

Dan / K7REX

12084. Re: I have FORSALE 2 Matrix Circuits Star Board GMSK Node Adapter from Moencomm.com

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-07-22 00:18:12 UTC
From: trjames@...
Topic: 12082 Message: 12084

Will do dan

12085. Need help with dutch-star BETA firmware

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-07-22 05:06:48 UTC
From: yngwie.chou@...
Topic: 12085 Message: 12085

Hello,

I was in a wrong impression that the Moen Star* Board needs a "official" version of dutch-star firmware.
Hence performed an upgrade after dutch-star's web site recovered and now realized that the DV adaptor needs BETA firmware to be run with G4KLX's dstarrepeater.

Anyone here can give a hand for a BETA version firmware to get my Meon Star* Board recovered?
Much much appreciated!!

Regards,
Yngwie
BX2AFC

12086. Re: [gmsk_dv_node] Need help with dutch-star BETA firmware

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-07-22 06:21:12 UTC
From: Donald Jacob
Topic: 12085 Message: 12086

Yngwie,
Please contact Jim Moen at moencomm.com.
If you purchased the board from him you should have a registration for
the firmware. He will help you

73
Don
WB5EKU

On Thu, Jul 21, 2016 at 10:06 PM, yngwie.chou@... [gmsk_dv_node] <
gmsk_dv_node@yahoogroups.com> wrote:

>
>
> Hello,
>
>
> I was in a wrong impression that the Moen Star* Board needs a "official"
> version of dutch-star firmware.
>
> Hence performed an upgrade after dutch-star's web site recovered and now
> realized that the DV adaptor needs BETA firmware to be run with G4KLX's
> dstarrepeater.
>
>
> Anyone here can give a hand for a BETA version firmware to get my Meon
> Star* Board recovered?
>
> Much much appreciated!!
>
>
> Regards,
>
> Yngwie
>
> BX2AFC
>
>
>

12087. Re: [gmsk_dv_node] Need help with dutch-star BETA firmware

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-07-22 06:40:46 UTC
From: Yngwie Chou
Topic: 12085 Message: 12087
Attachments: 1 described; binary payloads are missing from this source WARC

Thanks Don.

I’ve dropped an email to him, waiting for the response.

73,
Yngwie
BX2AFC

> On Jul 22, 2016, at 14:21, Donald Jacob wb5eku@gmail.com [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
>
> Yngwie,
> Please contact Jim Moen at moencomm.com <http://moencomm.com/>.
> If you purchased the board from him you should have a registration for
> the firmware. He will help you
>
> 73
> Don
> WB5EKU
>
>
> On Thu, Jul 21, 2016 at 10:06 PM, yngwie.chou@... <mailto:yngwie.chou@...> [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@...m>> wrote:
>
>
> Hello,
>
>
>
> I was in a wrong impression that the Moen Star* Board needs a "official" version of dutch-star firmware.
>
> Hence performed an upgrade after dutch-star's web site recovered and now realized that the DV adaptor needs BETA firmware to be run with G4KLX's dstarrepeater.
>
>
>
> Anyone here can give a hand for a BETA version firmware to get my Meon Star* Board recovered?
>
> Much much appreciated!!
>
>
>

> Regards,
>
> Yngwie
>
> BX2AFC
>
>
>
>
>

12088. RE: [gmsk_dv_node] Step by Step

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-07-28 21:56:42 UTC
From: J. M. Moen
Topic: 12065 Message: 12088

I sent some direct emails to Ron, but for other readers.

REF reflectors cannot be linked to other REF reflectors, but assuming you are in the RF footprint of a D-Star repeater whose Admins allow all users to control linking, you are free to unlink it from its normal reflector and link it to another one.

While DPlus allows you to link directly to another repeater/gateway, it is normally considered ill-advised to do so. Many repeater/gateways are located in remote locations with a limited bandwidth internet connection, and too many direct links to the gateway can take up much of that bandwidth. In fact, some gateway Admins limit or block direct linking to their gateways. Better, if you want to talk to someone on a specific repeater/gateway, find out what reflector it is normally linked to, and link to that reflector, since normally reflectors are located in data centers with high bandwidth connections.

There are various ways to get a 5100 to do that. If you are familiar with DR mode, you can probably make the links without having to make programming changes to your radio.

You can also set up memories -- (for the example, assume the repeater is WW6ABC port B and for each memory, you will set RPT1=WW6ABC B, RPT2=WW6ABC G (port letter always in 8th position)

Memory name (example): Info
* URCall=...I (dots are really spaces so I is in position 8)

Memory name: Unlink
* URCall=...U

Memory name: Lnk030C
* URCall=REF030CL

Memory name: Lnk001C
* URCall=REF001CL

But learning DR mode will be better for you in the long run.

Bottom line:
* Call out to see if the repeater is busy
* If not busy, have your 5100 send an Unlink command
* Then have your 5100 send a Link to your target reflector
* Return to normal URCall for QSOs
* Hopefully have some QSOs with hams on repeaters that are also linked to that reflector
* When done, send an Unlink command

* Ideally, have your radio issue a link command to that repeater's normal default reflector, so you leave it the way you found it

Jim - K6JM

PS Some DExtra reflectors (XRF..) can actually be linked by the Admin to other reflectors, but DPlus REF reflectors cannot.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, July 06, 2016 10:58 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Step by Step
Importance: High

To Whom It My Concern,

I am in need of some help in that I am trying to use my new Icom ID-5100A Deluxe and having a lot of problems as to what to do to 'Connect to a reflector using a reflector to connect to another reflector or vise - verse. In other words I am in need of a 'STEP BY STEP" instructions on how to! With this tough screen I am having a bunch of problems. Short tough or long tough and where to or how to this is where I am getting lost big time. Can anyone please help me.

Ron Collings
W 6 N I T

12090. Re: [gmsk_dv_node] Need help with dutch-star BETA firmware [2 Attachments]

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-07-29 10:34:47 UTC
From: Yngwie Chou
Topic: 12090 Message: 12090
Attachments: 1 described; binary payloads are missing from this source WARC

Thanks a lot, Jim.

Is it possible to send me the firmware directly, YAHOO Groups is very bad in message synchronization and I can’t get the attachment until now. :(

Regards,
Yngwie
BX2AFC

> On Jul 29, 2016, at 06:06, 'J. M. Moen' jim@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
> [Attachment(s) <x-msg://6/#TopText> from J. M. Moen included below]
>
> Yngwie,
>
> If you sent me an email, I must have missed it. Sorry.
>
> I am attaching the Beta version firmware that I use, along with instructions on how to install it. Be sure to copy down the current settings so you can quickly reconfigure it for your radio.
>
> Jim – K6JM
>
>
> From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com> [mailto:gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>]
> Sent: Thursday, July 21, 2016 11:41 PM
> To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>
> Subject: Re: [gmsk_dv_node] Need help with dutch-star BETA firmware
>
>
> Thanks Don.
>
>
> I’ve dropped an email to him, waiting for the response.
>
>
> 73,
>
> Yngwie
>
> BX2AFC

>
>
>
> On Jul 22, 2016, at 14:21, Donald Jacob wb5eku@... <mailto:wb5eku@...> [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>> wrote:
>
>
>
> Yngwie,
>
> Please contact Jim Moen at moencomm.com <http://moencomm.com/>.
>
> If you purchased the board from him you should have a registration for
>
> the firmware. He will help you
>
>
> 73
>
> Don
>
> WB5EKU
>
>
>
> On Thu, Jul 21, 2016 at 10:06 PM, yngwie.chou@... <mailto:yngwie.chou@...> [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>> wrote:
>
>
>
> Hello,
>
> I was in a wrong impression that the Moen Star* Board needs a "official" version of dutch-star firmware.
>
> Hence performed an upgrade after dutch-star's web site recovered and now realized that the DV adaptor needs BETA firmware to be run with G4KLX's dstarrepeater.
>
> Anyone here can give a hand for a BETA version firmware to get my Meon Star* Board recovered?
>
> Much much appreciated!!
>
> Regards,
>
> Yngwie
>
> BX2AFC
>
>

>
>
> <<...>> <<...>>
>
>
>

12091. DCC Call for Technical Papers: Deadline Extended to August 12th - ARRL/TAPR DCC (Digital Communications Conference), St. Petersburg, FL, September 16 - 18, 2006

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-08-10 05:32:00 UTC
From: Mark Thompson
Topic: 12091 Message: 12091
Attachments: 1 described; binary payloads are missing from this source WARC

DCC Call for Papers - Deadline Extended to August 12

Technical Papers are being solicited for presentation at the 35th Annual ARRL/TAPR Digital Communications Conference (DCC), to be held September 16-18 in St Petersburg, Florida. Papers will also be published in the Conference Proceedings. Authors do not need to attend the conference to have their papers included in the Proceedings. The submission deadline has been extended to August 12, 2016.
 The ARRL/TAPR Digital Communications Conference is an international forum for technically minded radio amateurs to meet and present new ideas and techniques.
Paper/presentation topic areas include — but are not limited to — software defined radio (SDR), digital voice, digital satellite communication, digital signal processing (DSP), HF digital modes, adapting IEEE 802.11 systems for Amateur Radio, Global Positioning System (GPS), Automatic Position Reporting System (APRS), Linux in Amateur Radio, AX.25 updates and Internet operability with Amateur Radio networks.
 Submit papers to via e-mail (maty@arrl.org) or via post to Maty Weinberg, KB1EIB, ARRL, 225 Main St, Newington, CT 06111. Papers will be published exactly as submitted, and authors will retain all rights.
http://www.tapr.org/dcc#dcccallforpapers

http://www.tapr.org/dcc

ARRL/TAPR DCC Saint Petersburg, FL September 16 - 18, 2016
Call for Technical Papers
Technical papers are solicited for presentation at the ARRL and TAPR Digital Communications Conference and publication in the Conference Proceedings.
Annual conference proceedings are published by the ARRL. Presentation at the conference is not required for publication.
Details on Call for Papers & Submission Guidelines are on TAPR DCC web site.
Submission of papers are due by July 31st, 2016 and should be submitted to:Maty Weinberg, ARRL225 Main StreetNewington, CT 06111or via the Internet to maty@...
Note: Papers may continue to be accepted for a short time after deadline so please submit your paper as soon as possible if you haven't done so already.

http://www.tapr.org/dcc#dcccallforpapers

Details on Call for Papers

Technical papers are solicited for presentation at the ARRL and TAPR Digital Communications Conference for publication in the Conference Proceedings.Annual conference proceedings are published by the ARRL. Presentation at the conference is not required for publication.The ARRL and TAPR Digital Communications Conference is an international forum for radio amateurs to meet, publish their work, and present new ideas and techniques. Presenters and attendees will have the opportunity to exchange ideas and learn about recent hardware and

software advances, theories, experimental results, and practical applications. Topics include, but are not limited to:
- Software Defined Radio (SDR)
- Digital voice (D-Star, P25, WinDRM, FDMDV, DRMDV, G4GUO)
- Digital satellite communications
- Global position system
- Precise Timing
- Automatic Packet Reporting System (APRS)
- Short messaging (a mode of APRS)
- Digital Signal Processing (DSP)
- HF digital modes
- Internet interoperability with Amateur Radio networks
- Spread spectrum
- IEEE 802.11 and other Part 15 license-exempt systems adaptable for Amateur Radio
- Using TCP/IP networking over Amateur Radio
- Mesh and peer to peer wireless networking
- Emergency and Homeland Defense backup digital communications in Amateur Radio
- Updates on AX.25 and other wireless networking protocols
- Topics that advanced the Amateur Radio art

Submission Guide Lines

Anyone interested in digital communications is invited to submit a paper for publication in the Conference Proceedings. Presentation at the Conference is not required for publication. If you know of someone who is doing great things with digital communications, be sure to personally tell them about this!See above for deadlines and where to submit your paper.Some quick guidelines:
- Papers should be on 8-1/2 X 11 inch paper with the following margins: left and right, 0.75 inch; top, 0.8 inch; and bottom, 1 inch (very important).
- Structure of paper should be (see single column example below, two column should follow a similar format):
- Title
- Author(s) with affiliation
- Abstract (200 words or less)
- Key words (3-5)
- Body
- Reference List

- Papers can be in one- or two-column format.
- Use 12-point Times Roman for the main body of text; do not number pages.
- Photos and drawings should have good contrast. Note: a photocopy gives a good indication of print quality.
- Electronic submissions can be made in any of the following formats:
- Adobe Acrobat PDF;
- Microsoft Word

- Reference citations and other topics not explicitly discussed in this list should follow a recognized standard format (APA , IEEE, etc).
- A biographical page is to be included with the manuscript. It should contain Name, Address, Phone, and E-mail for each author as well as a short descriptive paragraph about the first author. The bio page will be used to contact authors concerning the conference and presentation schedule.

Release form:
A formal release form is not required, but indicate that the paper is being sent for use in the Proceedings of the ARRL and TAPR Digital Communications Conference. You are only giving permission for your paper to be printed in the Proceedings.Example Single Column Page Layout
Two column would be similar in nature, but with two columns. View Paper Example

12092. Early reaction to the ICOM 51A/E Plus 2 announcement

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-08-13 02:41:00 UTC
From: J. M. Moen
Topic: 12092 Message: 12092

Notes on a discussion on the XRF002A D-Star Round Table net about this new offering:

http://www.k6jm.com/wp/d-star-early-reaction-to-the-51ae-plus2/

12093. Re: [gmsk_dv_node] Early reaction to the ICOM 51A/E Plus 2 announcement

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-08-13 10:05:14 UTC
From: Storer, Darren
Topic: 12092 Message: 12093

Hi Jim,

great write-up, thanks!

Here are a couple of observations:

- The ID-51 family of radios have DC input jacks, so the terms "show-stopper" and "cripple its use" don't seem to be commensurate with the scale of the perceived issue with battery life for gateway operations

- The lack of open source software from a commercial organisation has never been a major problem but the lack of a documented API will potentially prevent or impede the development of open source projects. Let's hope that that Icom provide API documentation when the Plus2 is first released, then G4KLX and the other talented software guys can decide whether they wish to support the new hardware

- The need for a public IP address does seem to be an odd requirement but it's probably a poor translation for, "a public Internet connection is required"

- We cannot rule out the possibility that the Plus2 will support a whole new gateway protocol (i.e. none of the protocols mentioned in the blog), as the marketing document mentions that "*The Terminal mode and Access point mode require the latest gateway server application to be installed.*" Nobody is admitting to knowing what that "latest gateway server application" is and which architecture it runs on... (G2/ircDDB/KI4LKF etc.).

Thanks again for the write-up, it's quite thought provoking.

Vy 73 de Darren
G7LWT / AK4DB

On 13 August 2016 at 03:41, 'J. M. Moen' jim@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

>
>
> Notes on a discussion on the XRF002A D-Star Round Table net about this new
> offering:
>
>
>
> http://www.k6jm.com/wp/d-star-early-reaction-to-the-51ae-plus2/
>

>
>

12094. RE: [gmsk_dv_node] Early reaction to the ICOM 51A/E Plus 2 announcement

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-08-13 17:01:50 UTC
From: J. M. Moen
Topic: 12092 Message: 12094

Darren,

Thanks for your feedback. My first draft was a bit softer on the battery issue, but I was encouraged to beef that up before I published and that was the mood during the Round Table net. But you are right that my choice of words was overdone.

It is true you would not want to run a 51A in access point mode at full power, at least not for very long, so buyers should be thinking of setting power way down, both for heat and for battery reasons. The 51A Plus manual explains how to set the Charging (Power ON) setting so the radio can be on while charging, though it mentions some downsides. But plugging in a 2.5A charger may slow down battery drain during operation. I guess the point is this is something to think about if you wanted 24x7 operation, and you might want to consider other options (DVMEGA, DVAP, DV4mini etc).

You make an excellent point about Open Source vs. Open Documentation. You nailed it there. I have to think there may be cultural reasons why the details are kept secret, forcing packet sniffing etc. to de-engineer private protocols. I suppose a company might fear documentation would give competitors a leg up, though in this product area, we have seen competition has helped D-Star grow, with tangible benefits to ICOM. I have heard more than one ICOM manager talk positively about the Kenwood D-Star HT. It just further legitimizes the mode.

You may be right about the public IP question.

Finally, and probably most importantly, is the issue of rumors about a new gateway protocol. All I have heard is second-hand at best, but enough to make me suspect this may be a real project. If true, and if key Open Source players are not involved, then ICOM is missing a major opportunity. They already have data showing the business value of 3rd party products and software, so it is hard to understand why they would make the same “design it secretly” mistake again. As an outsider, I can only hope ICOM has in fact brought in key developers (and not just one or two favorites) and sworn them to secrecy.

Thanks for your comments.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, August 13, 2016 3:05 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Early reaction to the ICOM 51A/E Plus 2 announcement

Hi Jim,

great write-up, thanks!

Here are a couple of observations:

- The ID-51 family of radios have DC input jacks, so the terms "show-stopper" and "cripple its use" don't seem to be commensurate with the scale of the perceived issue with battery life for gateway operations

- The lack of open source software from a commercial organisation has never been a major problem but the lack of a documented API will potentially prevent or impede the development of open source projects. Let's hope that that Icom provide API documentation when the Plus2 is first released, then G4KLX and the other talented software guys can decide whether they wish to support the new hardware

- The need for a public IP address does seem to be an odd requirement but it's probably a poor translation for, "a public Internet connection is required"

- We cannot rule out the possibility that the Plus2 will support a whole new gateway protocol (i.e. none of the protocols mentioned in the blog), as the marketing document mentions that "The Terminal mode and Access point mode require the latest gateway server application to be installed." Nobody is admitting to knowing what that "latest gateway server application" is and which architecture it runs on... (G2/ircDDB/KI4LKF etc.).

Thanks again for the write-up, it's quite thought provoking.

Vy 73 de Darren
G7LWT / AK4DB

On 13 August 2016 at 03:41, 'J. M. Moen' jim@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

Notes on a discussion on the XRF002A D-Star Round Table net about this new offering:

http://www.k6jm.com/wp/d-star-early-reaction-to-the-51ae-plus2/

12095. Re: I have FORSALE 2 Matrix Circuits Star Board GMSK Node Adapter from Moencomm.com

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-08-14 10:56:33 UTC
From: abeck@...
Topic: 12082 Message: 12095

How much?

adb

12096. GMSK modem will not work

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-08-14 11:00:30 UTC
From: abeck@...
Topic: 12096 Message: 12096

Hi,

I have a problem.

My GMSK stopped working when I has testing radioes.

Get both squelch lights but nothing else.

I reflashed it with the licenced one I have.access to.

Now the DCOS and lights before the COS lights. No transmission.

I don't get my precious little beep anymore.

Suggestions?

73,
Alan
VY2WU

12097. firmware not seen

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-08-14 11:13:09 UTC
From: abeck@...
Topic: 12097 Message: 12097

Also, the firmware is not seen my any of the DVwin software.

Alan
VY2WU

12098. Re: [gmsk_dv_node] GMSK modem will not work

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-08-14 11:47:06 UTC
From: Raoult Pierre-paul
Topic: 12096 Message: 12098

Hi!

Maybe try to adjust the tx level ?...

73,

Pierre-Paul F1JMN

> Le 14 août 2016 à 13:00, abeck@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> a écrit
:
>
> Hi,
>
>
>
> I have a problem.
>
>
>
> My GMSK stopped working when I has testing radioes.
>
>
>
> Get both squelch lights but nothing else.
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> I reflashed it with the licenced one I have.access to.
>
>
>
> Now the DCOS and lights before the COS lights. No transmission.
>
>
>
> I don't get my precious little beep anymore.
>
>
>
> Suggestions?
>
>
>
> 73,
>
> Alan

>
> VY2WU
>
>

12099. RE: [gmsk_dv_node] GMSK modem will not work

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-08-14 13:25:43 UTC
From: Alan Beck
Topic: 12096 Message: 12099
Attachments: 3 described; binary payloads are missing from this source WARC

Pierre-Paul

First this is that the firmware is not being recognized by the board or by Windv.

Alan

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: August 14, 2016 8:47 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] GMSK modem will not work

Hi!

Maybe try to adjust the tx level ?...

73,

Pierre-Paul F1JMN

Le 14 août 2016 à 13:00, abeck@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> a écrit :

Hi,

I have a problem.

My GMSK stopped working when I has testing radioes.

Get both squelch lights but nothing else.

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Now the DCOS and lights before the COS lights. No transmission.

I don't get my precious little beep anymore.

Suggestions?

73,

Alan

VY2WU

12100. RE: [gmsk_dv_node] GMSK modem will not work

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-08-14 19:30:04 UTC
From: J. M. Moen
Topic: 12096 Message: 12100

Alan,

We should probably use direct emails to solved this, but for other readers, here is my approach to trouble-shooting this kind of problem.

First, if possible, do board and firmware testing using a Windows pc that has NATools properly installed so you can bring up NAWinCFG and NAWinTEST. The driver installation is tricky using recent versions of Windows, but we have documentation on how to do it.

Since you are not getting the beep when you plug the USB cable into the pc, I am guessing the firmware has gotten scrambled. This can happen if RF gets into the board. If that is the case for your board, I am hoping the bootloader is still intact and only the firmware loaded above the bootloader got scrambled.

In that case, move the SW3 jumper to the Program pins on the board, plug in the board, run NAWinCFG, go to Tools/Update firmware and select the firmware hex file. (Note: if you plan to use the board with G4KLX or FREE STAR* software, be sure you have the BETA version hex file. Let me know if you need help with that.) After the firmware is successfully loaded, unplug, put jumper back on SW3 pins, replug the board and hopefully NAWinCFG will see the board and you can put the firmware settings the way you want them.

If Tools/Update firmware does not work, then it is possible the bootloader also got scrambled. If you have access to a PICkit2 Programmer, it is quite easy to reload the bootloader. In the worst case, you can mail the board to me and I can do it.

Since the board is hardware, and all hardware can have component failures, there could be a hardware problem, though that is the least likely cause. We will sort this out and get you going again. I will contact you via direct mail.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Sunday, August 14, 2016 4:01 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] GMSK modem will not work
Hi,
I have a problem.
My GMSK stopped working when I has testing radioes.
Get both squelch lights but nothing else.
I reflashed it with the licenced one I have.access to.
Now the DCOS and lights before the COS lights. No transmission.
I don't get my precious little beep anymore.
Suggestions?
73,
Alan
VY2WU_._,_.___

Posted by: abeck@...

12101. How to contact Dutch-Star ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-08-19 11:21:09 UTC
From: yngwie.chou@...
Topic: 12101 Message: 12101

Hi all,

Does anyone know how to get in touch with Dutch-Star ? I want to place some orders, but stuck there in the queue. And there's no response from feeback page.

DUTCH*Star Feedback and Comments https://www.dutch-star.eu/feedback.aspx

https://www.dutch-star.eu/feedback.aspx

DUTCH*Star Feedback and Comments https://www.dutch-star.eu/feedback.aspx

View on www.dutch-star.eu https://www.dutch-star.eu/feedback.aspx
Preview by Yahoo

Please help to provide a working email if you know how to contact them. Much appreciated!!

Regards,
Yngwie Chou
BX2AFC

12102. Re: [gmsk_dv_node] Early reaction to the ICOM 51A/E Plus 2 announcement

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-08-19 22:48:59 UTC
From: Storer, Darren
Topic: 12092 Message: 12102

Hi Jim,

playing with the RS-MS3W software, it seems more and more like the PLUS2 model will speak directly to G1 (JP) and G2 gateways - take a look:

http://g7lwt.com/documents/dv/RS-MS3W.png

...within the code, there doesn't seem to be any engineering for a new protocol or even dplus.

Of course, it's early days and lots can change; I have a feeling that we will know more over the weekend.

Vy 73 de Darren
G7LWT / AK4DB

On 13 August 2016 at 18:01, 'J. M. Moen' jim@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

>
>
> Darren,
>
> Thanks for your feedback. My first draft was a bit softer on the battery
> issue, but I was encouraged to beef that up before I published and that
> was the mood during the Round Table net. But you are right that my
> choice of words was overdone.
>
> It is true you would not want to run a 51A in access point mode at full
> power, at least not for very long, so buyers should be thinking of setting
> power way down, both for heat and for battery reasons. The 51A Plus
> manual explains how to set the Charging (Power ON) setting so the radio can
> be on while charging, though it mentions some downsides. But plugging in
> a 2.5A charger may slow down battery drain during operation. I guess the
> point is this is something to think about if you wanted 24x7 operation, and
> you might want to consider other options (DVMEGA, DVAP, DV4mini etc).
>
> You make an excellent point about Open Source vs. Open Documentation. You
> nailed it there. I have to think there may be cultural reasons why the details
> are kept secret, forcing packet sniffing etc. to de-engineer private
> protocols. I suppose a company might fear documentation would give
> competitors a leg up, though in this product area, we have seen
> competition has helped D-Star grow, with tangible benefits to ICOM. I
> have heard more than one ICOM manager talk positively about the Kenwood
> D-Star HT. It just further legitimizes the mode.

>
> You may be right about the public IP question.
>
> Finally, and probably most importantly, is the issue of rumors about a new
> gateway protocol. All I have heard is second-hand at best, but enough to
> make me suspect this may be a real project. If true, and if key Open
> Source players are not involved, then ICOM is missing a major opportunity.
> They already have data showing the business value of 3rd party products
> and software, so it is hard to understand why they would make the same “
> design it secretly” mistake again. As an outsider, I can only hope ICOM
> has in fact brought in key developers (and not just one or two favorites)
> and sworn them to secrecy.
>
> Thanks for your comments.
>
> Jim – K6JM
>
> *From:* gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com
> <gmsk_dv_node@yahoogroups.com>]
> *Sent:* Saturday, August 13, 2016 3:05 AM
> *To:* gmsk_dv_node@yahoogroups.com
> *Subject:* Re: [gmsk_dv_node] Early reaction to the ICOM 51A/E Plus 2
> announcement
>
>
>
> Hi Jim,
>
> great write-up, thanks!
>
> Here are a couple of observations:
>
> - The ID-51 family of radios have DC input jacks, so the terms "
> show-stopper" and "cripple its use" don't seem to be commensurate with
> the scale of the perceived issue with battery life for gateway operations
>
> - The lack of open source software from a commercial organisation has
> never been a major problem but the lack of a documented API will
> potentially prevent or impede the development of open source projects.
> Let's hope that that Icom provide API documentation when the Plus2 is first
> released, then G4KLX and the other talented software guys can decide
> whether they wish to support the new hardware
>
> - The need for a public IP address does seem to be an odd requirement but
> it's probably a poor translation for, "a public Internet connection is
> required"
>
> - We cannot rule out the possibility that the Plus2 will support a whole
> new gateway protocol (i.e. none of the protocols mentioned in the blog), as
> the marketing document mentions that "*The Terminal mode and Access point

> mode require the latest gateway server application to be installed.*"
> Nobody is admitting to knowing what that "latest gateway server
> application" is and which architecture it runs on... (G2/ircDDB/KI4LKF
> etc.).
>
> Thanks again for the write-up, it's quite thought provoking.
>
> Vy 73 de Darren
>
> G7LWT / AK4DB
>
> On 13 August 2016 at 03:41, 'J. M. Moen' *jim@k6jm.com* <jim@...>
> [gmsk_dv_node] <*gmsk_dv_node@yahoogroups.com*
> <gmsk_dv_node@yahoogroups.com>> wrote:
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> Notes on a discussion on the XRF002A D-Star Round Table net about this new
> offering:
>
>
>
> *http://www.k6jm.com/wp/d-star**-**early-reaction-to-the-51ae**-**plus2/*
> <http://www.k6jm.com/wp/d-star-early-reaction-to-the-51ae-plus2/>
>
>
>

12103. Re: [gmsk_dv_node] Early reaction to the ICOM 51A/E Plus 2 announcement

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-08-19 22:57:58 UTC
From: Matthew Pitts
Topic: 12092 Message: 12103

Interesting; it speaks G2...

Matthew Pitts
N8OHU

On August 19, 2016 6:48:59 PM EDT, "'Storer, Darren' darren.storer@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:
>Hi Jim,
>
>playing with the RS-MS3W software, it seems more and more like the
>PLUS2
>model will speak directly to G1 (JP) and G2 gateways - take a look:
>
>http://g7lwt.com/documents/dv/RS-MS3W.png
>
>...within the code, there doesn't seem to be any engineering for a new
>protocol or even dplus.
>
>Of course, it's early days and lots can change; I have a feeling that
>we
>will know more over the weekend.
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>Vy 73 de Darren
>G7LWT / AK4DB
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>On 13 August 2016 at 18:01, 'J. M. Moen' jim@k6jm.com [gmsk_dv_node] <
>gmsk_dv_node@yahoogroups.com> wrote:
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>> Darren,
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>> Thanks for your feedback. My first draft was a bit softer on the
>battery
>> issue, but I was encouraged to beef that up before I published and
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>> was the mood during the Round Table net. But you are right that my
>> choice of words was overdone.
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>> It is true you would not want to run a 51A in access point mode at
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>> power, at least not for very long, so buyers should be thinking of
>setting
>> power way down, both for heat and for battery reasons. The 51A Plus

>> manual explains how to set the Charging (Power ON) setting so the
>radio can
>> be on while charging, though it mentions some downsides. But
>plugging in
>> a 2.5A charger may slow down battery drain during operation. I guess
>the
>> point is this is something to think about if you wanted 24x7
>operation, and
>> you might want to consider other options (DVMEGA, DVAP, DV4mini etc).
>>
>> You make an excellent point about Open Source vs. Open Documentation.
> You
>> nailed it there. I have to think there may be cultural reasons why
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>> are kept secret, forcing packet sniffing etc. to de-engineer private
>> protocols. I suppose a company might fear documentation would give
>> competitors a leg up, though in this product area, we have seen
>> competition has helped D-Star grow, with tangible benefits to ICOM.
>I
>> have heard more than one ICOM manager talk positively about the
>Kenwood
>> D-Star HT. It just further legitimizes the mode.
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>> You may be right about the public IP question.
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>> Finally, and probably most importantly, is the issue of rumors about
>a new
>> gateway protocol. All I have heard is second-hand at best, but
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>> make me suspect this may be a real project. If true, and if key Open
>> Source players are not involved, then ICOM is missing a major
>opportunity.
>> They already have data showing the business value of 3rd party
>products
>> and software, so it is hard to understand why they would make the
>same “
>> design it secretly” mistake again. As an outsider, I can only hope
>ICOM
>> has in fact brought in key developers (and not just one or two
>favorites)
>> and sworn them to secrecy.
>>
>> Thanks for your comments.
>>
>> Jim – K6JM
>>
>> *From:* gmsk_dv_node@yahoogroups.com
>[mailto:gmsk_dv_node@yahoogroups.com
>> <gmsk_dv_node@yahoogroups.com>]
>> *Sent:* Saturday, August 13, 2016 3:05 AM

>> *To:* gmsk_dv_node@yahoogroups.com
>> *Subject:* Re: [gmsk_dv_node] Early reaction to the ICOM 51A/E Plus 2
>> announcement
>>
>>
>>
>> Hi Jim,
>>
>> great write-up, thanks!
>>
>> Here are a couple of observations:
>>
>> - The ID-51 family of radios have DC input jacks, so the terms "
>> show-stopper" and "cripple its use" don't seem to be commensurate
>with
>> the scale of the perceived issue with battery life for gateway
>operations
>>
>> - The lack of open source software from a commercial organisation
>has
>> never been a major problem but the lack of a documented API will
>> potentially prevent or impede the development of open source
>projects.
>> Let's hope that that Icom provide API documentation when the Plus2 is
>first
>> released, then G4KLX and the other talented software guys can decide
>> whether they wish to support the new hardware
>>
>> - The need for a public IP address does seem to be an odd
>requirement but
>> it's probably a poor translation for, "a public Internet connection
>is
>> required"
>>
>> - We cannot rule out the possibility that the Plus2 will support a
>whole
>> new gateway protocol (i.e. none of the protocols mentioned in the
>blog), as
>> the marketing document mentions that "*The Terminal mode and Access
>point
>> mode require the latest gateway server application to be installed.*"
>> Nobody is admitting to knowing what that "latest gateway server
>> application" is and which architecture it runs on...
>(G2/ircDDB/KI4LKF
>> etc.).
>>
>> Thanks again for the write-up, it's quite thought provoking.
>>
>> Vy 73 de Darren
>>

>> G7LWT / AK4DB
>>
>> On 13 August 2016 at 03:41, 'J. M. Moen' *jim@...*
><jim@...>
>> [gmsk_dv_node] <*gmsk_dv_node@yahoogroups.com*
>> <gmsk_dv_node@yahoogroups.com>> wrote:
>>
>>
>>
>> Notes on a discussion on the XRF002A D-Star Round Table net about
>this new
>> offering:
>>
>>
>>
>>
>*http://www.k6jm.com/wp/d-star**-**early-reaction-to-the-51ae**-**plus2/*
>> <http://www.k6jm.com/wp/d-star-early-reaction-to-the-51ae-plus2/>
>>
>>
>>

--
Sent from my Android device with K-9 Mail. Please excuse my brevity.

12104. Re: [gmsk_dv_node] How to contact Dutch-Star ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-08-19 16:03:20 UTC
From: Donald Jacob
Topic: 12101 Message: 12104

Hello Yngwie,
I can try to help you. What did you order?, and did you send payment?

Don
WB5EKU

On August 19, 2016, at 4:21 AM, "yngwie.chou@gmail.com [gmsk_dv_node]"
<gmsk_dv_node@yahoogroups.com> wrote:

Hi all,

Does anyone know how to get in touch with Dutch-Star ? I want to place some orders, but stuck there in the queue. And there's no response from feeback page.

DUTCH*Star Feedback and Comments

OBJ

DUTCH*Star Feedback and Comments

View on www.dutch-star.eu

Preview by Yahoo

Please help to provide a working email if you know how to contact them. Much appreciated!!

Regards,

Yngwie Chou

BX2AFC

<!-- #ygrp-mkp { border: 1px solid #d8d8d8; font-family: Arial; margin: 10px 0; padding: 0 10px; } #ygrp-mkp hr { border: 1px solid #d8d8d8; } #ygrp-mkp #hd { color: #628c2a; font-size: 85%; font-weight: 700; line-height: 122%; margin: 10px 0; } #ygrp-mkp #ads { margin-bottom: 10px; } #ygrp-mkp .ad { padding: 0 0; } #ygrp-mkp .ad p { margin: 0; } #ygrp-mkp .ad a { color: #0000ff; text-decoration: none; } #ygrp-sponsor #ygrp-lc { font-family: Arial; } #ygrp-sponsor #ygrp-lc #hd { margin: 10px 0px; font-weight: 700; font-size: 78%; line-height: 122%; } #ygrp-sponsor #ygrp-lc .ad { margin-bottom: 10px; padding: 0 0; } #actions { font-family: Verdana; font-size: 11px; padding: 10px 0; } #activity { background-color: #e0ecee; float: left; font-family: Verdana; font-size: 10px; padding: 10px; } #activity span { font-weight: 700; } #activity span:first-child { text-transform: uppercase; } #activity span a { color: #5085b6; text-decoration: none; } #activity span span { color: #ff7900; } #activity span .underline { text-decoration: underline; } .attach { clear: both; display: table; font-family: Arial; font-size: 12px; padding: 10px 0; width: 400px; } .attach div a { text-decoration: none; } .attach img { border: none; padding-right: 5px; } .attach label { display: block; margin-bottom: 5px; } .attach label a { text-decoration: none; } blockquote { margin: 0 0 0 4px; } .bold {

font-family: Arial; font-size: 13px; font-weight: 700; } .bold a { text-decoration: none; } dd.last p a { font-family: Verdana; font-weight: 700; } dd.last p span { margin-right: 10px; font-family: Verdana; font-weight: 700; } dd.last p span.yshortcuts { margin-right: 0; } div.attach-table div div a { text-decoration: none; } div.attach-table { width: 400px; } div.file-title a, div.file-title a:active, div.file-title a:hover, div.file-title a:visited { text-decoration: none; } div.photo-title a, div.photo-title a:active, div.photo-title a:hover, div.photo-title a:visited { text-decoration: none; } div#ygrp-mlmsg #ygrp-msg p a span.yshortcuts { font-family: Verdana; font-size: 10px; font-weight: normal; } .green { color: #628c2a; } .MsoNormal { margin: 0 0 0 0; } o { font-size: 0; } #photos div { float: left; width: 72px; } #photos div div { border: 1px solid #666666; height: 62px; overflow: hidden; width: 62px; } #photos div label { color: #666666; font-size: 10px; overflow: hidden; text-align: center; white-space: nowrap; width: 64px; } #reco-category { font-size: 77%; } #reco-desc { font-size: 77%; } .replbq { margin: 4px; } #ygrp-actbar div a:first-child { /* border-right: 0px solid #000;*/ margin-right: 2px; padding-right: 5px; } #ygrp-mlmsg { font-size: 13px; font-family: Arial, helvetica,clean, sans-serif; *font-size: small; *font: x-small; } #ygrp-mlmsg table { font-size: inherit; font: 100%; } #ygrp-mlmsg select, input, textarea { font: 99% Arial, Helvetica, clean, sans-serif; } #ygrp-mlmsg pre, code { font:115% monospace; *font-size:100%; } #ygrp-mlmsg * { line-height: 1.22em; } #ygrp-mlmsg #logo { padding-bottom: 10px; } #ygrp-msg p a { font-family: Verdana; } #ygrp-msg p#attach-count span { color: #1E66AE; font-weight: 700; } #ygrp-reco #reco-head { color: #ff7900; font-weight: 700; } #ygrp-reco { margin-bottom: 20px; padding: 0px; } #ygrp-sponsor #ov li a { font-size: 130%; text-decoration: none; } #ygrp-sponsor #ov li { font-size: 77%; list-style-type: square; padding: 6px 0; } #ygrp-sponsor #ov ul { margin: 0; padding: 0 0 0 8px; } #ygrp-text { font-family: Georgia; } #ygrp-text p { margin: 0 0 1em 0; } #ygrp-text tt { font-size: 120%; } #ygrp-vital ul li:last-child { border-right: none !important; } -->

12105. Re: [gmsk_dv_node] How to contact Dutch-Star ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-08-20 04:00:28 UTC
From: Yngwie Chou
Topic: 12101 Message: 12105
Attachments: 2 described; binary payloads are missing from this source WARC

Hello Don,

There was an PDF error when I placed my order, so now the orders are stuck in the queue. I have no idea on how to send the payment.

Please use the last one and cancel the others.

Thanks a lot!

Regards,
Yngwie Chou
yngwie.chou@...

> On Aug 20, 2016, at 00:03, Donald Jacob wb5eku@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
>
> Hello Yngwie,
> I can try to help you. What did you order?, and did you send payment?
>
> Don
> WB5EKU
>
>
>
> On August 19, 2016, at 4:21 AM, "yngwie.chou@... <mailto:yngwie.chou@...> [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>> wrote:
>
>
>
>
> Hi all,
>
>
>
> Does anyone know how to get in touch with Dutch-Star ? I want to place some orders, but stuck there in the queue. And there's no response from feeback page.
>
>
>
> DUTCH*Star Feedback and Comments <https://www.dutch-star.eu/feedback.aspx>
> <https://www.dutch-star.eu/feedback.aspx>
> DUTCH*Star Feedback and Comments <https://www.dutch-star.eu/feedback.aspx>
> View on www.dutch-star.eu <https://www.dutch-star.eu/feedback.aspx>

> Preview by Yahoo
>
>
> Please help to provide a working email if you know how to contact them. Much appreciated!!
>
>
>
> Regards,
>
> Yngwie Chou
>
> BX2AFC
>
>
>
>

12106. Re: [gmsk_dv_node] How to contact Dutch-Star ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-08-20 02:57:24 UTC
From: Gary M
Topic: 12101 Message: 12106

In have a problem with there programs WINDV i can not change reflectors
using windows 10 i stuck in REF001 c I do get the window to open and
can change there yet is not way to get out of the window to set the
new reflector

On Fri, Aug 19, 2016 at 11:03 AM, Donald Jacob wb5eku@...
[gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

>
>
> Hello Yngwie,
> I can try to help you. What did you order?, and did you send payment?
>
> Don
> WB5EKU
>
>
> On August 19, 2016, at 4:21 AM, "yngwie.chou@... [gmsk_dv_node]" <
> gmsk_dv_node@yahoogroups.com> wrote:
>
>
>
>
>
> Hi all,
>
>
> Does anyone know how to get in touch with Dutch-Star ? I want to place
> some orders, but stuck there in the queue. And there's no response from
> feeback page.
>
>
> DUTCH*Star Feedback and Comments <https://www.dutch-star.eu/feedback.aspx>
> [image: image] <https://www.dutch-star.eu/feedback.aspx>
> DUTCH*Star Feedback and Comments <https://www.dutch-star.eu/feedback.aspx>
> View on www.dutch-star.eu <https://www.dutch-star.eu/feedback.aspx>
> Preview by Yahoo
>
>
> Please help to provide a working email if you know how to contact them.
> Much appreciated!!
>
>
> Regards,
>
> Yngwie Chou

>
> BX2AFC
>
>
>

12107. Re: [gmsk_dv_node] How to contact Dutch-Star ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-08-20 22:39:16 UTC
From: Tony Ross
Topic: 12101 Message: 12107

On 08/19/2016 04:21 AM, yngwie.chou@... [gmsk_dv_node] wrote:

> Does anyone know how to get in touch with Dutch-Star ? I want to place
> some orders, but stuck there in the queue. And there's no response
> from feeback page.

For the past 1-1/2 years, we've only had luck when Jim Moen worked with us. Apparently Mssr Fred van Kempen has had a variety of misfortunes, not the least of which were health-related. Jim has some postings in this group, but jimatk6jmdotcom should work.

12108. Setting up ID-5100a to remotely link reflectors

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-08-22 19:38:18 UTC
From: dougjustham@...
Topic: 12108 Message: 12108

I am sorry if this is a repeat, but I did not find any answers when I searched.

I have a 5100A and just got my hotspot setup with the Star Board last night. Got all the bugs worked out and set WinDV to REF001C and had a number of QSO's with no issue.

The question is how do I set up the 5100A so I can remotely link and unlink through my Dutchstar WinDV hotspot?

12109. Re: Setting up ID-5100a to remotely link reflectors

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-08-22 21:57:14 UTC
From: m1dns.gb3hb@...
Topic: 12108 Message: 12109

If my memory serves me correct (been a long time since I used winDV) you can setup DTMF codes in the config to link to various places. I think the default for 1c is D001C 30c was D030C. maybe ?? The setup is in tools >> options I think??

A.

---In gmsk_dv_node@yahoogroups.com, <dougjustham@...> wrote :

I am sorry if this is a repeat, but I did not find any answers when I searched.

I have a 5100A and just got my hotspot setup with the Star Board last night. Got all the bugs worked out and set WinDV to REF001C and had a number of QSO's with no issue.

The question is how do I set up the 5100A so I can remotely link and unlink through my Dutchstar WinDV hotspot?

12110. Re: Setting up ID-5100a to remotely link reflectors

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-08-23 14:49:20 UTC
From: dougjustham@...
Topic: 12108 Message: 12110

Thanks. After a lot of playing I got it figured out. Maybe not the correct way, but works.

12111. WINDV Fail to connect

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-08-23 14:58:25 UTC
From: dougjustham@...
Topic: 12111 Message: 12111

I have the remote connect deal figured out on the radio and was able to connect easily to REF001C. However, 9 times out of 10 when I try connecting to a reflector, remotely, I get an error on WinDV saying connection to REF001C failed or whatever Reflector I am trying to connect to. I then went and tried connecting at WinDV panel on the PC and it fails as well. Any thoughts on why I am failing to connect?

12112. Re: [gmsk_dv_node] How to contact Dutch-Star ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-08-24 02:52:11 UTC
From: Yngwie Chou
Topic: 12101 Message: 12112
Attachments: 1 described; binary payloads are missing from this source WARC

Hello Don,

I just realized that the AspPDF.NET module has expired on dutch-star.net, and I won’t be able to place the order on the web site.

AspPDF.NET 1.9.0.12381 has generated error #74: [AspPDF.NET has expired. Please visit www.asppdf.net to purchase a key that will not expire.]

Actually, I want to purchase 17 licenses for NODE firmware (with RPTR option)
Could you please help? Thank you!

Regards,
Yngwie Chou
yngwie.chou@gmail.com

> On Aug 20, 2016, at 00:03, Donald Jacob wb5eku@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
>
> Hello Yngwie,
> I can try to help you. What did you order?, and did you send payment?
>
> Don
> WB5EKU
>
>
>
> On August 19, 2016, at 4:21 AM, "yngwie.chou@... <mailto:yngwie.chou@...> [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>> wrote:
>
>
>
>
> Hi all,
>
>
>
> Does anyone know how to get in touch with Dutch-Star ? I want to place some orders, but stuck there in the queue. And there's no response from feeback page.
>
>
>
> DUTCH*Star Feedback and Comments <https://www.dutch-star.eu/feedback.aspx>
> <https://www.dutch-star.eu/feedback.aspx>

> DUTCH*Star Feedback and Comments <https://www.dutch-star.eu/feedback.aspx>
> View on www.dutch-star.eu <https://www.dutch-star.eu/feedback.aspx>
> Preview by Yahoo
>
>
> Please help to provide a working email if you know how to contact them. Much appreciated!!
>
>
>
> Regards,
>
> Yngwie Chou
>
> BX2AFC
>
>
>
>

12113. Re: [gmsk_dv_node] How to contact Dutch-Star ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-08-24 04:15:12 UTC
From: Tony Ross
Topic: 12101 Message: 12113

On 08/23/2016 07:52 PM, Yngwie Chou yngwie.chou@... [gmsk_dv_node] wrote:

> I just realized that the AspPDF.NET <http://asppdf.net> module has
> expired on dutch-star.net <http://dutch-star.net>, and I won't be able
> to place the order on the web site.

http://dutch-star.eu/

12114. Re: [gmsk_dv_node] How to contact Dutch-Star ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-08-24 05:59:28 UTC
From: Donald Jacob
Topic: 12101 Message: 12114

Yngwie,
Sorry I became quite busy.
Contact Jim Moen at moencom.com. He sells a comparable gmsk modem board.
He is also a great help setting it up, his webpage has many tips.
As for the licenses, I will let you know later this week on that issue. I
will do my best to
procure them for you.

Good luck
Don
WB5EKU

On Tue, Aug 23, 2016 at 7:52 PM, Yngwie Chou yngwie.chou@gmail.com
[gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

> Hello Don,
>
> I just realized that the AspPDF.NET <http://asppdf.net> module has
> expired on dutch-star.net, and I won’t be able to place the order on the
> web site.
>
> *AspPDF.NET <http://asppdf.net> 1.9.0.12381 has generated error #74: [
> AspPDF.NET <http://asppdf.net> has expired. Please visit www.asppdf.net
> <http://www.asppdf.net> to purchase a key that will not expire.]*
>
> Actually, I want to purchase 17 licenses for NODE firmware (with RPTR
> option)
> Could you please help? Thank you!
>
>
> Regards,
> Yngwie Chou
> yngwie.chou@...
>
>
>
> On Aug 20, 2016, at 00:03, Donald Jacob wb5eku@... [gmsk_dv_node] <
> gmsk_dv_node@yahoogroups.com> wrote:
>
>
> Hello Yngwie,
> I can try to help you. What did you order?, and did you send payment?
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> Don
> WB5EKU
>

>
> On August 19, 2016, at 4:21 AM, "yngwie.chou@... [gmsk_dv_node]" <
> gmsk_dv_node@yahoogroups.com> wrote:
>
>
>
>
> Hi all,
>
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> Does anyone know how to get in touch with Dutch-Star ? I want to place
> some orders, but stuck there in the queue. And there's no response from
> feeback page.
>
>
> DUTCH⋆Star Feedback and Comments <https://www.dutch-star.eu/feedback.aspx>
> [image: image] <https://www.dutch-star.eu/feedback.aspx>
> DUTCH⋆Star Feedback and Comments <https://www.dutch-star.eu/feedback.aspx>
> View on www.dutch-star.eu <https://www.dutch-star.eu/feedback.aspx>
> Preview by Yahoo
>
>
> Please help to provide a working email if you know how to contact them.
> Much appreciated!!
>
>
> Regards,
>
> Yngwie Chou
>
> BX2AFC
>
>
>
>

12115. Re: [gmsk_dv_node] How to contact Dutch-Star ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-08-24 08:01:45 UTC
From: Yngwie Chou
Topic: 12101 Message: 12115
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Don,

Understood, I just need the licenses for my self-made GMSK modem.

Regards,
Yngwie Chou
yngwie.chou@...

> On Aug 24, 2016, at 10:52, Yngwie Chou <yngwie.chou@...> wrote:
>
>
> Yngwie,
> Sorry I became quite busy.
> Contact Jim Moen at moencom.com <http://moencom.com/>. He sells a comparable gmsk modem board.
> He is also a great help setting it up, his webpage has many tips.
> As for the licenses, I will let you know later this week on that issue. I will do my best to
> procure them for you.
>
> Good luck
> Don
> WB5EKU
>
>
>
>
> On Tue, Aug 23, 2016 at 7:52 PM, Yngwie Chou yngwie.chou@... <mailto:yngwie.chou@...> [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>> wrote:
> Hello Don,
>
> I just realized that the AspPDF.NET <http://asppdf.net/> module has expired on dutch-star.net <http://dutch-star.net/>, and I won’t be able to place the order on the web site.
>
> AspPDF.NET <http://asppdf.net/> 1.9.0.12381 has generated error #74: [AspPDF.NET <http://asppdf.net/> has expired. Please visit www.asppdf.net <http://www.asppdf.net/> to purchase a key that will not expire.]
>
>
> Actually, I want to purchase 17 licenses for NODE firmware (with RPTR option)
> Could you please help? Thank you!
>
>
> Regards,

> Yngwie Chou
> yngwie.chou@... <mailto:yngwie.chou@...>
>
>
>
>> On Aug 20, 2016, at 00:03, Donald Jacob wb5eku@... <mailto:wb5eku@...> [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>> wrote:
>>
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>> Hello Yngwie,
>> I can try to help you. What did you order?, and did you send payment?
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>> On August 19, 2016, at 4:21 AM, "yngwie.chou@... <mailto:yngwie.chou@...>
[gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>>
wrote:
>>
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>> Hi all,
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>>
>> Does anyone know how to get in touch with Dutch-Star ? I want to place some orders, but
stuck there in the queue. And there's no response from feeback page.
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>> DUTCH*Star Feedback and Comments <https://www.dutch-star.eu/feedback.aspx>
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>> View on www.dutch-star.eu <https://www.dutch-star.eu/feedback.aspx>
>> Preview by Yahoo
>>
>>
>> Please help to provide a working email if you know how to contact them. Much
appreciated!!
>>
>>
>>
>> Regards,
>>
>> Yngwie Chou
>>
>> BX2AFC

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>

12116. Re: [gmsk_dv_node] How to contact Dutch-Star ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-08-24 08:13:40 UTC
From: Donald Jacob
Topic: 12101 Message: 12116

I will let you know what I find out
Don

On August 24, 2016, at 1:08 AM, "Yngwie Chou yngwie.chou@gmail.com [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

Hi Don,

Understood, I just need the licenses for my self-made GMSK modem.

Regards,

Yngwie Chou

yngwie.chou@gmail.com

On Aug 24, 2016, at 10:52, Yngwie Chou <yngwie.chou@gmail.com> wrote:

Yngwie,

Sorry I became quite busy.

Contact Jim Moen at moencom.com. He sells a comparable gmsk modem board.

He is also a great help setting it up, his webpage has many tips.

As for the licenses, I will let you know later this week on that issue. I will do my best to

procure them for you.

Good luck

Don

WB5EKU

On Tue, Aug 23, 2016 at 7:52 PM, Yngwie Chou yngwie.chou@gmail.com [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

Hello Don,

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AspPDF.NET 1.9.0.12381 has generated error #74: [AspPDF.NET has expired. Please visit www.asppdf.net to purchase a key that will not expire.]

Actually, I want to purchase 17 licenses for NODE firmware (with RPTR option)

Could you please help? Thank you!

Regards,

Yngwie Chou

yngwie.chou@gmail.com

On Aug 20, 2016, at 00:03, Donald Jacob wb5eku@gmail.com [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

Hello Yngwie,
I can try to help you. What did you order?, and did you send payment?

Don
WB5EKU

On August 19, 2016, at 4:21 AM, "yngwie.chou@gmail.com [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

Hi all,

Does anyone know how to get in touch with Dutch-Star ? I want to place some orders, but stuck there in the queue. And there's no response from feeback page.

DUTCH*Star Feedback and Comments

OBJ

DUTCH*Star Feedback and Comments

View on www.dutch-star.eu

Preview by Yahoo

Please help to provide a working email if you know how to contact them. Much appreciated!!

Regards,

Yngwie Chou

BX2AFC

12117. Starboard dropping the QSO only when moving

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-09-01 13:09:36 UTC
From: Dennis Hitzigrath
Topic: 12117 Message: 12117
Attachments: 1 described; binary payloads are missing from this source WARC

Hi All!

After a quite long (yet often interrupted) QSO with a gentleman through a reflector, we have come to the conclusion that the Star*Board is not error correcting and/or the DCOS is too sensitive.

Using a FT8800R with Star*Board modem and ConDV Software (because I had the same issues with G4KLX's software and assumed ConDV would be better)… All is perfect when at a fixed location, but when mobile, QSO's get interrupted… This is very irritating…. Since you don't know until you stop transmitting, get no beep back from the hot spot and maybe your QSO partner has been already talking over you...

Is there a setting in NAWinCFG I can tweak to make this better? ReSync Error Bits sounds like something I should tweak. I've searched for documentation on these settings, but haven't found any, so I would welcome any suggestion. And/or documentation.

What if I use RAW output, or uncheck last frame, ???

I would trial and error, but to reproduce the error I need to A) Connect to a reflector and B) Be mobile and actually moving, so it is not easy! So I'm asking for your assistance.

Thank you very much!

73!
XE1/N4DMH

dennis.hitzigrath

12118. DVRPTR V1 Board for sale

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-09-01 16:37:18 UTC
From: george@...
Topic: 12118 Message: 12118

DVRPTR V1 Board for sale (Norfolk, UK).

http://www.ebay.co.uk/itm/322248286436

In case anyone is interested. Open to offers. See link.

All replies off reflector.

George, M1GEO.

12119. Re: Starboard dropping the QSO only when moving (mobile)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-09-03 13:21:43 UTC
From: Dennis Hitzigrath
Topic: 12117 Message: 12119
Attachments: 1 described; binary payloads are missing from this source WARC

Hello!

Well, since no one replied I tried a lot of things, nothing makes a difference.
Unchecked last frame, CRC Check, tried changing error bits and reset resync, but after saving it won’t keep the setting.
RAW mode does not work.

Is this an “unfixable” issue?

Help please?!

Thanks,
dennis.hitzigrath
El 01/09/2016, a las 08:09, Dennis Hitzigrath <d@...> escribió:

> Hi All!
>
> After a quite long (yet often interrupted) QSO with a gentleman through a reflector, we have come to the conclusion that the Star*Board is not error correcting and/or the DCOS is too sensitive.
>
> Using a FT8800R with Star*Board modem and ConDV Software (because I had the same issues with G4KLX’s software and assumed ConDV would be better)… All is perfect when at a fixed location, but when mobile, QSO’s get interrupted… This is very irritating…. Since you don’t know until you stop transmitting, get no beep back from the hot spot and maybe your QSO partner has been already talking over you...
>
> Is there a setting in NAWinCFG I can tweak to make this better? ReSync Error Bits sounds like something I should tweak. I’ve searched for documentation on these settings, but haven’t found any, so I would welcome any suggestion. And/or documentation.
>
> What if I use RAW output, or uncheck last frame, ???
>
> I would trial and error, but to reproduce the error I need to A) Connect to a reflector and B) Be mobile and actually moving, so it is not easy! So I’m asking for your assistance.
>
> Thank you very much!
>
> 73!
> XE1/N4DMH
>
> dennis.hitzigrath

12120. Re: [gmsk_dv_node] How to contact Dutch-Star ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-09-03 18:03:17 UTC
From: Yngwie Chou
Topic: 12101 Message: 12120
Attachments: 1 described; binary payloads are missing from this source WARC

Hello Don,

Any chance to give me a hand on the GMSK node licenses?

Regards,
Yngwie Chou
yngwie.chou@...

> On Aug 24, 2016, at 16:13, Donald Jacob wb5eku@... [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com> wrote:
>
>
> I will let you know what I find out
> Don
>
>
>
> On August 24, 2016, at 1:08 AM, "Yngwie Chou yngwie.chou@...
<mailto:yngwie.chou@gmail.com> [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com
<mailto:gmsk_dv_node@yahoogroups.com>> wrote:
>
>
> Hi Don,
>
> Understood, I just need the licenses for my self-made GMSK modem.
>
> Regards,
> Yngwie Chou
> yngwie.chou@... <mailto:yngwie.chou@...>
>
>
>
>> On Aug 24, 2016, at 10:52, Yngwie Chou <yngwie.chou@... <mailto:yngwie.chou@...m>>
wrote:
>>
>>
>> Yngwie,
>> Sorry I became quite busy.
>> Contact Jim Moen at moencom.com <http://moencom.com/>. He sells a comparable gmsk modem
board.
>> He is also a great help setting it up, his webpage has many tips.
>> As for the licenses, I will let you know later this week on that issue. I will do my
best to
>> procure them for you.
>>

>> Good luck
>> Don
>> WB5EKU
>>
>>
>>
>>
>> On Tue, Aug 23, 2016 at 7:52 PM, Yngwie Chou yngwie.chou@... <mailto:yngwie.chou@...>
[gmsk_dv_node] <gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>> wrote:
>> Hello Don,
>>
>> I just realized that the AspPDF.NET <http://asppdf.net/> module has expired on
dutch-star.net <http://dutch-star.net/>, and I won't be able to place the order on the web
site.
>>
>> AspPDF.NET <http://asppdf.net/> 1.9.0.12381 has generated error #74: [AspPDF.NET
<http://asppdf.net/> has expired. Please visit www.asppdf.net <http://www.asppdf.net/> to
purchase a key that will not expire.]
>>
>>
>> Actually, I want to purchase 17 licenses for NODE firmware (with RPTR option)
>> Could you please help? Thank you!
>>
>>
>> Regards,
>> Yngwie Chou
>> yngwie.chou@... <mailto:yngwie.chou@...>
>>
>>
>>
>>> On Aug 20, 2016, at 00:03, Donald Jacob wb5eku@... <mailto:wb5eku@...> [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>> wrote:
>>>
>>>
>>> Hello Yngwie,
>>> I can try to help you. What did you order?, and did you send payment?
>>>
>>> Don
>>> WB5EKU
>>>
>>>
>>>
>>> On August 19, 2016, at 4:21 AM, "yngwie.chou@... <mailto:yngwie.chou@...>
[gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>>
wrote:
>>>
>>>
>>>
>>>
>>> Hi all,

>>>
>>>
>>>
>>> Does anyone know how to get in touch with Dutch-Star ? I want to place some orders, but stuck there in the queue. And there's no response from feeback page.
>>>
>>>
>>>
>>> DUTCH*Star Feedback and Comments <https://www.dutch-star.eu/feedback.aspx>
>>> <https://www.dutch-star.eu/feedback.aspx>
>>> DUTCH*Star Feedback and Comments <https://www.dutch-star.eu/feedback.aspx>
>>> View on www.dutch-star.eu <https://www.dutch-star.eu/feedback.aspx>
>>> Preview by Yahoo
>>>
>>>
>>> Please help to provide a working email if you know how to contact them. Much appreciated!!
>>>
>>>
>>>
>>> Regards,
>>>
>>> Yngwie Chou
>>>
>>> BX2AFC
>>>
>>>
>>>
>>
>>
>>
>
>
>

12121. RE: [gmsk_dv_node] Re: FT-450 Dstar on HF

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-09-10 17:54:00 UTC
From: n9ko@...
Topic: 11738 Message: 12121

I have an Icom 706 MKIIG and a DvDongle. Is there a diagram / schematic that shows how I could do HF D-Star with this equipment?

Thanks
Cal
N9KO

>>>Quoted from above:
The FT450 does not. The YAESU 847, 857, 897. The ICOM 706mk2, 7100. The Kenwood 2000 all do.

Yes, you need a AMBE chip in there.

You plug the star board into your PC USB port. A radio cable to the data port of the HF radio. AND you need a DVDongle(or thumb DV3000), that has a AMBE chip, plugged into the PC. Run all the correct software and you can use a headset mic. ON the PC to talk DSTAR HF voice. And since those radios have 2m and 440 modes, you can also do DSTAR voice on those bands.<<<

12122. RE: [gmsk_dv_node] Re: FT-450 Dstar on HF

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-09-10 19:02:50 UTC
From: Kent Hufford
Topic: 11738 Message: 12122
Attachments: 1 described; binary payloads are missing from this source WARC

You also need a STAR BOARD GMSK modem.

Hook the TNC cable from the STAR board to the 706mk2, hook the USB cable from the STAR board to the PC. Plug in the DVDONGLE to the PC.

You plug the star board into your PC USB port. A radio cable from the STAR BOARD to the data port of the HF radio. AND you need a DVDongle(or thumb DV3000), that has a AMBE chip, plugged into the PC. Run all the correct software and you can use a headset mic. ON the PC to talk DSTAR HF voice. And since those radios have 2m and 440 modes, you can also do DSTAR voice on those bands.<<<

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, September 10, 2016 1:54 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: FT-450 Dstar on HF

I have an Icom 706 MKIIG and a DvDongle. Is there a diagram / schematic that shows how I could do HF D-Star with this equipment?

Thanks
Cal
N9KO

>>>Quoted from above:

The FT450 does not. The YAESU 847, 857, 897. The ICOM 706mk2, 7100. The Kenwood 2000 all do.

Yes, you need a AMBE chip in there.

You plug the star board into your PC USB port. A radio cable to the data port of the HF radio. AND you need a DVDongle(or thumb DV3000), that has a AMBE chip, plugged into the PC. Run all the correct software and you can use a headset mic. ON the PC to talk DSTAR HF voice. And since those radios have 2m and 440 modes, you can also do DSTAR voice on those bands.<<<

12123. RE: [gmsk_dv_node] Re: FT-450 Dstar on HF

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-09-11 08:39:00 UTC
From: m1dns.gb3hb@...
Topic: 11738 Message: 12123

Look at Jonathan's DSTAR Development yahoo group. You can do this with a 2nd soundcard in the PC (a simple usb sound fob will suffice) and a simple (rs232) ptt keying interface..

A.

I have an Icom 706 MKIIG and a DvDongle. Is there a diagram / schematic that shows how I could do HF D-Star with this equipment?

Thanks
Cal
N9KO

12124. Re: Starboard dropping the QSO only when moving

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-09-15 12:27:44 UTC
From: luizserg@...
Topic: 12117 Message: 12124

Hello,
I had the same problem.
It was solved using the dvrptr-v1 board

73

Luiz Sergio
PU1LOY

12125. Re: [gmsk_dv_node] Re: Starboard dropping the QSO only when moving

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-09-15 12:40:59 UTC
From: Dennis Hitzigrath
Topic: 12117 Message: 12125

Obrigado, Luiz!

Esperando MMDVM.

73,
Dennis
XE1/N4DMH - DL8ET

El 15/09/2016, a las 07:27, luizserg@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> escribió:

> Hello,
> I had the same problem.
> It was solved using the dvrptr-v1 board
>
> 73
>
> Luiz Sergio
> PU1LOY
>
>

12126. Matrix Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-09-16 20:22:20 UTC
From: zs6xox@...
Topic: 12126 Message: 12126

Hi guys ,

I got a Matrixboard from a friend of mine a Kenwood TM-271A and Debian ... is that all I need?

Thank you

Danny

ZS6XOX

12127. Re: [gmsk_dv_node] Matrix Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-09-16 20:43:20 UTC
From: d@...
Topic: 12126 Message: 12127

Hi Danny:

Have a look at this and let me know if you have any other questions.

Good luck!

http://www.k6jm.com/hs-setup.htm

73,
Dennis
XE1/N4DMH - DL8ET

On 16.09.2016 15:22, zs6xox@... [gmsk_dv_node] wrote:
> Hi guys ,
>
> I got a Matrixboard from a friend of mine a Kenwood TM-271A and
> Debian
> ... is that all I need?
>
> Thank you
>
> Danny
>
> ZS6XOX
>
>
> Links:
> ------
> [1]
>
> https://groups.yahoo.com/neo/groups/gmsk_dv_node/conversations/messages/12126;_ylc=X3oDM
TJyNTNyc2hmBF9TAzk3MzU5NzE0BGdycElkAzIzMzc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAMxMjEyNgR
zZWMDZnRyBHNsawNycGx5BHN0aW1lAzE0NzQwNTczNDI-?act=reply&messageNum=12126
> [2] mailto:zs6xox@...?subject=Re%3A%20Matrix%20Board
> [3]
> mailto:gmsk_dv_node@yahoogroups.com?subject=Re%3A%20Matrix%20Board
> [4]
>
> https://groups.yahoo.com/neo/groups/gmsk_dv_node/conversations/newtopic;_ylc=X3oDMTJmc24
4ZzFqBF9TAzk3MzU5NzE0BGdycElkAzIzMzc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNudHBjB
HN0aW1lAzE0NzQwNTczNDI-
> [5]
>
> https://groups.yahoo.com/neo/groups/gmsk_dv_node/conversations/topics/12126;_ylc=X3oDMTM
3MG8yMzltBF9TAzk3MzU5NzE0BGdycElkAzIzMzc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAMxMjEyNgRzZ
WMDZnRyBHNsawN2dHBjBHN0aW1lAzE0NzQwNTczNDIEdHBjSWQDMTIxMjY-

> [6] https://yho.com/1wwmgg
> [7] http://www.gmskdvnode.info/
> [8]
>
> https://groups.yahoo.com/neo/groups/gmsk_dv_node/info;_ylc=X3oDMTJmdmN0NGY1BF9TAzk3MzU5NzE0BGdycElkAzIzMzc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDdnRsBHNsawN2Z2hwBHN0aW1lAzE0NzQwNTczNDI-
> [9]
>
> https://groups.yahoo.com/neo/groups/gmsk_dv_node/members/all;_ylc=X3oDMTJnbmljNGZiBF9TAzk3MzU5NzE0BGdycElkAzIzMzc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDdnRsBHNsawN2bWJycwRzdGltZQMxNDc0MDU3MzQy
> [10]
>
> https://groups.yahoo.com/neo;_ylc=X3oDMTJlbGFzczEzBF9TAzk3NDc2NTkwBGdycElkAzIzMzc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTQ3NDA1NzM0Mg--
> [11] https://info.yahoo.com/privacy/us/yahoo/groups/details.html
> [12]
> mailto:gmsk_dv_node-unsubscribe@yahoogroups.com?subject=Unsubscribe
> [13] https://info.yahoo.com/legal/us/yahoo/utos/terms/

12128. Win DV not showing reflectors like 30c

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-09-17 01:05:17 UTC
From: bilbo1961@...
Topic: 12128 Message: 12128

The WinDV I have installed and yes I have the 3 latest reflector text files in there too does not show the dplus reflectors when I try to connect to 30C only the DCS and Xref ones. The dphosts.txt file is there and I can open it and read it with notepad but the Windv program will not show the reflectors for the dphosts file????

12129. Re: [gmsk_dv_node] Matrix Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-09-17 05:04:04 UTC
From: zs6xox@...
Topic: 12126 Message: 12129

Thank you for replying ... Am I correct in assuming that I do not need a D-Star radio to setup a hotspot?

12130. Re: [gmsk_dv_node] Matrix Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-09-17 10:02:22 UTC
From: khufford
Topic: 12126 Message: 12130

You need a DSTAR radio to talk thru it.

Sent via my new Samsung Galaxy S7 edge, since my other phone was stolen out of my car.
-------- Original message --------From: "zs6xox@yahoo.com [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> Date: 9/17/16 01:04 (GMT-05:00) To: gmsk_dv_node@yahoogroups.com Subject: Re: [gmsk_dv_node] Matrix Board

Thank you for replying ... Am I correct in assuming that I do not need a D-Star radio to setup a hotspot?

12131. Re: Win DV not showing reflectors like 30c

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-09-17 15:38:09 UTC
From: kb1pvh@...
Topic: 12128 Message: 12131

Which version of WinDV are you using?

Dave-KB1PVH

12132. Re: [gmsk_dv_node] Re: Win DV not showing reflectors like 30c

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-09-17 15:55:32 UTC
From: David Webb
Topic: 12128 Message: 12132
Attachments: 1 described; binary payloads are missing from this source WARC

| So I just installed version 1.5.7 and used the Free*Star callsign server and the AA4RC server and had no problems connecting to DPLUS reflectors.
Dave-KB1PVH |

From: kb1pvh@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com>;
To: <gmsk_dv_node@yahoogroups.com>;
Subject: [gmsk_dv_node] Re: Win DV not showing reflectors like 30c
Sent: Sat, Sep 17, 2016 3:38:09 PM

| Which version of WinDV are you using?
Dave-KB1PVH |

12133. Re: [gmsk_dv_node] Matrix Board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-09-19 12:11:22 UTC
From: d@...
Topic: 12126 Message: 12133

HI!

Yes, that is correct. You do need one to use the hot spot, though. And
to make sure the TX and RX levels are correctly adjusted, unless you
have a scope, I guess.
Good Luck!

73,
Dennis

On 17.09.2016 00:04, zs6xox@... [gmsk_dv_node] wrote:
> Thank you for replying ... Am I correct in assuming that I do not
> need
> a D-Star radio to setup a hotspot?
>
>
> Links:
> ------
> [1]
>
> https://groups.yahoo.com/neo/groups/gmsk_dv_node/conversations/messages/12129;_ylc=X3oDM
TJyaWd1amxqBF9TAzk3MzU5NzE0BGdycElkAzIzMzc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAMxMjEyOQR
zZWMDZnRyBHNsawNycGx5BHN0aW1lAzE0NzQwODg2NDU-?act=reply&messageNum=12129
> [2]
>
> mailto:zs6xox@...?subject=Re%3A%20%5Bgmsk_dv_node%5D%20Matrix%20Board
> [3]
>
> mailto:gmsk_dv_node@yahoogroups.com?subject=Re%3A%20%5Bgmsk_dv_node%5D%20Matrix%20Board
> [4]
>
> https://groups.yahoo.com/neo/groups/gmsk_dv_node/conversations/newtopic;_ylc=X3oDMTJmYWd
xNWdoBF9TAzk3MzU5NzE0BGdycElkAzIzMzc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNudHBjB
HN0aW1lAzE0NzQwODg2NDU-
> [5]
>
> https://groups.yahoo.com/neo/groups/gmsk_dv_node/conversations/topics/12126;_ylc=X3oDMTM
3dTluOGgzBF9TAzk3MzU5NzE0BGdycElkAzIzMzc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAMxMjEyOQRzZ
WMDZnRyBHNsawN2dHBjBHN0aW1lAzE0NzQwODg2NDUEdHBjSWQDMTIxMjY-
> [6] https://yho.com/1wwmgg
> [7] http://www.gmskdvnode.info/
> [8]
>
> https://groups.yahoo.com/neo/groups/gmsk_dv_node/info;_ylc=X3oDMTJmYnJpNWxsBF9TAzk3MzU5N
zE0BGdycElkAzIzMzc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDdnRsBHNsawN2Z2hwBHN0aW1lAzE0NzQwODg
2NDU-

> [9]
>
> https://groups.yahoo.com/neo/groups/gmsk_dv_node/members/all;_ylc=X3oDMTJnazRzaWMzBF9TAzk3MzU5NzE0BGdycElkAzIzMzc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDdnRsBHNsawN2bWJycwRzdGltZQMxNDc0MDg4NjQ1
> [10]
>
> https://groups.yahoo.com/neo;_ylc=X3oDMTJlcGZxOGVzBF9TAzk3NDc2NTkwBGdycElkAzIzMzc1NzAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTQ3NDA4ODY0Ng--
> [11] https://info.yahoo.com/privacy/us/yahoo/groups/details.html
> [12]
> mailto:gmsk_dv_node-unsubscribe@yahoogroups.com?subject=Unsubscribe
> [13] https://info.yahoo.com/legal/us/yahoo/utos/terms/

12134. Re: [gmsk_dv_node] How to contact Dutch-Star ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-09-22 04:44:46 UTC
From: yngwie.chou@...
Topic: 12101 Message: 12134

Hello Don,

Sorry for bothering again, just looking for a way to purchase Node firmware.

If you don't have time to fix the PDF issue on dutch-star web site, could you please drop an invoice to me via my email directly? Quantity is 18 Node firmware licenses and will pay through PayPal.

Thanks a lot!!

Regards,
Yngwie Chou
yngwie.chou@gmail.com

12135. bit error on dash board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-10-14 03:36:44 UTC
From: w6tug@...
Topic: 12135 Message: 12135

i have installed the softwere from dv3 site no green lights flashing dashboard says bit error bottom right everything says connected but no audio or anything i have uninstalled and re installed softwere nothing
w6tug
myron balchin

12136. kc2ubg moencomm board not working

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-10-16 19:19:07 UTC
From: joe.azzara@...
Topic: 12136 Message: 12136

hi i had reserved a moencomm board and load the software on the raspberry pi 3 with ircddb and the d star repeater software and it connects to the reflectors but when someone talks it does not decode the audio on my ht does anyone know what it can be??

kc2ubg

12137. Re: [gmsk_dv_node] kc2ubg moencomm board not working

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-10-17 00:17:40 UTC
From: Vince P
Topic: 12136 Message: 12137

You need to adjust the tx audio pot on the board.

> On Oct 16, 2016, at 3:19 PM, joe.azzara@... [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com> wrote:
>
> hi i had reserved a moencomm board and load the software on the raspberry pi 3 with ircddb and the d star repeater software and it connects to the reflectors but when someone talks it does not decode the audio on my ht does anyone know what it can be??
>
>
>
> kc2ubg
>
>
>
>

12138. Re: [gmsk_dv_node] kc2ubg moencomm board not working

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-10-17 00:21:39 UTC
From: Donald Jacob
Topic: 12136 Message: 12138

You also might check the RX invert setting.

WB5EKU

On Sun, Oct 16, 2016 at 5:17 PM, Vince P ve3elb@... [gmsk_dv_node] <
gmsk_dv_node@yahoogroups.com> wrote:

>
>
> You need to adjust the tx audio pot on the board.
>
> On Oct 16, 2016, at 3:19 PM, joe.azzara@... [gmsk_dv_node] <
> gmsk_dv_node@yahoogroups.com> wrote:
>
>
>
>
> hi i had reserved a moencomm board and load the software on the raspberry
> pi 3 with ircddb and the d star repeater software and it connects to the
> reflectors but when someone talks it does not decode the audio on my ht
> does anyone know what it can be??
>
>
> kc2ubg
>
>
>
>
>
>

12139. Re: kc2ubg moencomm board not working

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-10-17 21:18:18 UTC
From: linyc@...
Topic: 12136 Message: 12139

Hi All.

I have tried to help Joe slove this problem with no luck.

We have tried every option to resolve the problem short of board replacement.

We have spent over 30 hours trying. Both of us are now burnt out.

I also have come to the conclusion it's a bad board.

Both of us are NOT rookies when it comes to D-Star.

Many will recognize our calls I am sure.

No other choice at this point but to replace.

Thank You for your help.

73
(N2GYN) John

12140. Re: kc2ubg moencomm board not working

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-10-17 21:20:55 UTC
From: linyc@...
Topic: 12136 Message: 12140

Hi Donald,

Nice to see your call, and thank You for the suggestions.
It's John N2GYN from long Island.

Hope all is well.

Regards.

12141. Re: [gmsk_dv_node] Re: kc2ubg moencomm board not working

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-10-17 21:35:28 UTC
From: Donald Jacob
Topic: 12136 Message: 12141

Hi John,
Thought I recognized the call.
Email me privately about the board when you get a chance.

wb5eku at gmail dot com

73
Don
WB5EKU

On Mon, Oct 17, 2016 at 2:20 PM, linyc@... [gmsk_dv_node] <
gmsk_dv_node@yahoogroups.com> wrote:

>
>
> Hi Donald,
>
> Nice to see your call, and thank You for the suggestions.
> It's John N2GYN from long Island.
>
> Hope all is well.
>
> Regards.
>
>
>

12142. Re: [gmsk_dv_node] Re: kc2ubg moencomm board not working

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-10-18 12:33:48 UTC
From: linyc@...
Topic: 12136 Message: 12142

Will do. Thanks. 73 N2GYN

12143. natools for Raspberry

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-10-19 13:57:23 UTC
From: ea2afz@...
Topic: 12143 Message: 12143

Hello.

i am looking for NAtools of dutchstar source code to compile on raspberry pi

i saw at the web site that NAtools are for linux i386 or 64 bits, but for Raspberry????

thanks a lot.

12144. Re: kc2ubg moencomm board not working

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-10-22 22:32:12 UTC
From: linyc@...
Topic: 12136 Message: 12144

Anyone on Long Island running this board? Maybe You could check it out for Him.

Regards,

12145. Building an access point or node (?) using an ID800

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-10-28 21:36:18 UTC
From: w8nsi@...
Topic: 12145 Message: 12145

I want to build a local access point (proper term?) using an older but working Icom ID800 dstar radio. It has a 8 pin data port. I am confused about what equipment I need to set this radio up for on air use as a access point or whatever. Being already dstar capable it would not need an external modem. I am sure someone has already done this somewhere.

I want to put up a dedicated REF30C point of access so I can reach it anywhere in my local area.

73 de w8nsi jim

12146. Re: Building an access point or node (?) using an ID800

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-10-29 15:48:40 UTC
From: w8nsi@...
Topic: 12145 Message: 12146

To clarify, since the ID800 is already a DSTAR radio, it doesnt really need a GMSK modem to make the proper dstar data. Is there any type of software or something that can be loaded to a raspberry pi, beaglebone, or laptop to make the radio into a high power hotspot/access point/node (not sure which term is correct)?

73 de w8nsi jim

12147. Re: Building an access point or node (?) using an ID800

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-10-29 16:08:55 UTC
From: john@...
Topic: 12145 Message: 12147

Here is what you need. I have used it with an ID-880 through the 6-pin mini-din

udrc@nw-digital-radio.groups.io | Wiki https://nw-digital-radio.groups.io/g/udrc/wiki/UDRC%E2%84%A2-For-Simplex-Hotspots-and-Converted-Analog-Repeaters

https://nw-digital-radio.groups.io/g/udrc/wiki/UDRC%E2%84%A2-For-Simplex-Hotspots-and-Converted-Analog-Repeaters

udrc@nw-digital-radio.groups.io | Wiki https://nw-digital-radio.groups.io/g/udrc/wiki/UDRC%E2%84%A2-For-Simplex-Hotspots-and-Converted-Analog-Repeaters Datasheet: UDRCDS Instructions Important: Use only Compass Linux images and dstarrepeater packages. They contain support specific to the ...

View on nw-digital-radio.group... https://nw-digital-radio.groups.io/g/udrc/wiki/UDRC%E2%84%A2-For-Simplex-Hotspots-and-Converted-Analog-Repeaters
Preview by Yahoo

UDRC™-II http://nwdigitalradio.com/product/udrc/

http://nwdigitalradio.com/product/udrc/

UDRC™-II http://nwdigitalradio.com/product/udrc/ Universal Digital Radio Controller 2 Port

View on nwdigitalradio.com http://nwdigitalradio.com/product/udrc/
Preview by Yahoo

12148. Re: Building an access point or node (?) using an ID800

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-10-29 16:12:08 UTC
From: john@...
Topic: 12145 Message: 12148

For setting up an access point/hotspot, you do need a modem and software for GMSK. In fact, repeaters and access points don't even decode the AMBE (which is what a D-STAR user radio does), they simply convert the GMSK modem signal to binary for protocol processing and then remodulate to GMSK.

12149. RE: [gmsk_dv_node] Re: Building an access point or node (?) using an ID800

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-10-29 18:31:17 UTC
From: Jim Moen
Topic: 12145 Message: 12149

Take a look at the diagram at http://www.k6jm.com/hs-setup.htm -- D-Star modems like the NW Digital product at John K7VE's link, or the DV MEGA GMSK Modem, the MMDVM modem from dvrptr.net and others will work with analog radios that support getting RX audio directly from the discriminator and injecting TX audio directly to the modulator. Radios like the ID800 support 9600 baud packet data, which normally do the above and do not filter or process audio in that mode. D-Star's GMSK uses low audio frequencies, so audio filtering is a no-no. As you know, the 800 in DV mode will let you talk to D-Star repeaters or other D-Star radios. When in analog FM 9600 packet data mode, it can work with a modem and internet-connected computer with appropriate software to extend the D-Star network to your area, but of course you need a D-Star radio to have a QSO with someone on a reflector. Owners of 2820's sometimes use one side of the radio in DV mode to monitor and talk to a local D-Star repeater, and the other side in 9600 packet mode with a modem to create a D-Star Hotspot to link to and monitor reflectors. Jim - K6JM
-------- Original message --------
From: "w8nsi@hotmail.com [gmsk_dv_node]"
Date:10/29/2016 08:48 (GMT-08:00)
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Building an access point or node (?) using an ID800

To clarify, since the ID800 is already a DSTAR radio, it doesnt really need a GMSK modem to make the proper dstar data. Is there any type of software or something that can be loaded to a raspberry pi, beaglebone, or laptop to make the radio into a high power hotspot/access point/node (not sure which term is correct)? 73 de w8nsi jim

12150. Re: [gmsk_dv_node] Re: Building an access point or node (?) using an ID800

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-10-31 17:25:26 UTC
From: Tony Ross
Topic: 12145 Message: 12150

On 10/29/2016 09:08 AM, john@... [gmsk_dv_node] wrote:

> Here is what you need. I have used it with an ID-880 through the
> 6-pin mini-din
>
> udrc@... | Wiki
> <https://nw-digital-radio.groups.io/g/udrc/wiki/UDRC%E2%84%A2-For-Simplex-Hotspots-and-Converted-Analog-Repeaters>

Can you recommend any cases that would house both a Pi and the UDRC, please?

12151. Re: [gmsk_dv_node] Re: Building an access point or node (?) using an ID800

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-10-31 17:41:55 UTC
From: Tony Ross
Topic: 12145 Message: 12151

On 10/31/2016 10:25 AM, I wrote:

> Can you recommend any cases that would house both a Pi and the UDRC,
> please?

Disregard please. I find such a case offered at the sales point.

12152. Re: [gmsk_dv_node] Re: Building an access point or node (?) using an ID800

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-10-31 17:52:44 UTC
From: chipmckcmo@...
Topic: 12145 Message: 12152

Wasn't the original question regarding using an 880H DSTAR rig?

In a message dated 10/31/2016 12:42:01 P.M. Central Daylight Time,
gmsk_dv_node@yahoogroups.com writes:

On 10/31/2016 10:25 AM, I wrote:

> Can you recommend any cases that would house both a Pi and the UDRC,
> please?

Disregard please. I find such a case offered at the sales point.

12153. Inexpensive Rig for HotSpot - Suggestions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-02 21:57:36 UTC
From: n1ah_ct@...
Topic: 12153 Message: 12153

Hi There,

I have a gmsk and rasberry pi on the way - now i just need to find an inexpensive rig to pair with it to make a local hotspot. I saw an Alinco MKIII for about 165 - and a mod to make it work. Is this a good inexpensive choice? I have an old IC-91 HT no longer in use, assuming I cant use that, can I?

Thanks,
Adam N1AH

12154. Re: Building an access point or node (?) using an ID800

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-03 14:50:11 UTC
From: w8nsi@...
Topic: 12145 Message: 12154

Jacob wb0lbz
No... here is the original message that opened this thread:

I want to build a local access point (proper term?) using an older but working Icom ID800 dstar radio. It has a 8 pin data port. I am confused about what equipment I need to set this radio up for on air use as a access point or whatever. Being already dstar capable it would not need an external modem. I am sure someone has already done this somewhere.

I want to put up a dedicated REF30C point of access so I can reach it anywhere in my local area.

73 de w8nsi jim

12155. Re: [gmsk_dv_node] Inexpensive Rig for HotSpot - Suggestions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-03 16:01:12 UTC
From: David Webb
Topic: 12153 Message: 12155

You can get Motorola Maxtracs or GM300's cheap on Ebay. Just make sure it has the 16 pin accy. plug on it. Dave-KB1PVH

On Wednesday, November 2, 2016 5:57 PM, "n1ah_ct@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

Hi There,
I have a gmsk and rasberry pi on the way - now i just need to find an inexpensive rig to pair with it to make a local hotspot. I saw an Alinco MKIII for about 165 - and a mod to make it work. Is this a good inexpensive choice? I have an old IC-91 HT no longer in use, assuming I cant use that, can I?
Thanks, Adam N1AH

12156. Star*Board for sale

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-07 15:52:59 UTC
From: szingman@...
Topic: 12156 Message: 12156

I have a lightly used MoenComm Star*Board for sale. It is surplus to my needs. It has the firmware installed for use with G4KLX DStarrepeater. I also have the DUTCH*Star firmware license agreement.
I am asking $110 shipped via USPS Priority Mail. Payment via PayPal only.

My e-mail address is correct on qrz.com
73, Steve N4IRS

12157. Can an IC-91AD be used with a Moencomm board as a hotspot?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-10 14:37:32 UTC
From: n1ah_ct@...
Topic: 12157 Message: 12157

I see that my IC-91 has data port, I have a moencomm board on the way. Rather than spend money on a low cost rig, is it possible to use this data port and the HT?

Thanks for your input :)

Adam N1AH

12158. Re: [gmsk_dv_node] Can an IC-91AD be used with a Moencomm board as a hotspot?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-10 14:52:49 UTC
From: Midnite XXX
Topic: 12157 Message: 12158

Adam
As long as the 91 has the 6 pin din plug it will work. It won't work with
the small speaker plug type unless you can rewire the plug.

Allen - N0QL

On Nov 10, 2016 8:37 AM, "n1ah_ct@... [gmsk_dv_node]" <
gmsk_dv_node@yahoogroups.com> wrote:

>
>
> I see that my IC-91 has data port, I have a moencomm board on the way.
> Rather than spend money on a low cost rig, is it possible to use this data
> port and the HT?
>
>
> Thanks for your input :)
>
> Adam N1AH
>
>

12159. Re: [gmsk_dv_node] Can an IC-91AD be used with a Moencomm board as a hotspot?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-10 19:06:00 UTC
From: g0tjh@yahoo.co.uk
Topic: 12157 Message: 12159
Attachments: 2 described; binary payloads are missing from this source WARC

In a word no . Its a gps port.

-------Original Message-------

From: n1ah_ct@... [gmsk_dv_node]
Date: 10/11/2016 14:37:35
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Can an IC-91AD be used with a Moencomm board as a hotspot?

I see that my IC-91 has data port, I have a moencomm board on the way. Rather than spend money on a low cost rig, is it possible to use this data port and the HT?

Thanks for your input :)

Adam N1AH

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12160. Re: [gmsk_dv_node] Can an IC-91AD be used with a Moencomm board as a hotspot?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-10 19:08:06 UTC
From: Midnite XXX
Topic: 12157 Message: 12160
Attachments: 2 described; binary payloads are missing from this source WARC

Adam
Try and pickup an old yaesu ft 7800. Their pretty cheap, have the 6 pin
plug you need. They work great on the board.

Allen - N0QL

On Nov 10, 2016 1:05 PM, "'g0tjh@...' g0tjh@...
[gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

>
>
> In a word no . Its a gps port.
>
>
>
>
> *-------Original Message-------*
>
> *From:* n1ah_ct@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com>
> *Date:* 10/11/2016 14:37:35
> *To:* gmsk_dv_node@yahoogroups.com
> *Subject:* [gmsk_dv_node] Can an IC-91AD be used with a Moencomm board as
> a hotspot?
>
>
>
> I see that my IC-91 has data port, I have a moencomm board on the way.
> Rather than spend money on a low cost rig, is it possible to use this data
> port and the HT?
>
>
> Thanks for your input :)
>
> Adam N1AH
>
>
>
> <http://www.incredimail.com/?id=621159&did=10501&ppd=2820,201206281812,9,1,9226763331115
1400&rui=159611431&app_test_id=0&sd=20161110>
> FREE Animations for your email
> <http://www.incredimail.com/?id=621159&did=10501&ppd=2820,201206281812,9,1,9226763331115
1400&rui=159611431&app_test_id=0&sd=20161110>
>

> <http://www.incredimail.com/?id=621159&did=10501&ppd=2820,201206281812,9,1,9226763331115
1400&rui=159611431&app_test_id=0&sd=20161110>
>
> <http://www.incredimail.com/?id=621159&did=10501&ppd=2820,201206281812,9,1,9226763331115
1400&rui=159611431&app_test_id=0&sd=20161110>
>
> <http://www.incredimail.com/?id=621159&did=10501&ppd=2820,201206281812,9,1,9226763331115
1400&rui=159611431&app_test_id=0&sd=20161110>
> <http://www.incredimail.com/?id=621159&did=10501&ppd=2820,201206281812,9,1,9226763331115
1400&rui=159611431&app_test_id=0&sd=20161110> Click
> Here!
> <http://www.incredimail.com/?id=621159&did=10501&ppd=2820,201206281812,9,1,9226763331115
1400&rui=159611431&app_test_id=0&sd=20161110>
> <http://www.incredimail.com/?id=621159&did=10501&ppd=2820,201206281812,9,1,9226763331115
1400&rui=159611431&app_test_id=0&sd=20161110>
> <http://www.incredimail.com/?id=621159&did=10501&ppd=2820,201206281812,9,1,9226763331115
1400&rui=159611431&app_test_id=0&sd=20161110>
>
> <http://www.incredimail.com/?id=621159&did=10501&ppd=2820,201206281812,9,1,9226763331115
1400&rui=159611431&app_test_id=0&sd=20161110>
>
> <http://www.incredimail.com/?id=621159&did=10501&ppd=2820,201206281812,9,1,9226763331115
1400&rui=159611431&app_test_id=0&sd=20161110>
>
> <http://www.incredimail.com/?id=621159&did=10501&ppd=2820,201206281812,9,1,9226763331115
1400&rui=159611431&app_test_id=0&sd=20161110>
>
>
> ------------------------------
> [image: Avast logo] <https://www.avast.com/antivirus>
>
> This email has been checked for viruses by Avast antivirus software.
> www.avast.com <https://www.avast.com/antivirus>
>
>
>

12161. Re: [gmsk_dv_node] Can an IC-91AD be used with a Moencomm board as a hotspot?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-10 19:50:56 UTC
From: n1ah_ct@...
Topic: 12157 Message: 12161

Thanks for the suggestions/help all - much appreciated. Will scour around for a 7800.

73,
Adam N1AH

12162. Re: [gmsk_dv_node] Can an IC-91AD be used with a Moencomm board as a hotspot?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-11 10:13:24 UTC
From: Dennis Hitzigrath
Topic: 12157 Message: 12162

Hi Adam.
I don’t know that particular radio, but if it has a 6 pin mini-DIN connector and 9600 bps mode, you should be good to go.

Good luck!

73, Dennis
XE1/N4DMH

El 10/11/2016, a las 08:37, n1ah_ct@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> escribió:

>
> I see that my IC-91 has data port, I have a moencomm board on the way. Rather than spend money on a low cost rig, is it possible to use this data port and the HT?
>
>
>
> Thanks for your input :)
>
>
> Adam N1AH
>
>
>

12163. Pi / StarBoard and 7800R setup

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-14 14:42:40 UTC
From: n1ah_ct@...
Topic: 12163 Message: 12163

Hi All,

I now have my Pi, StarBoard and 7800R together to start setup of my 'hotspot' - trying to piece together the steps I need to take to get everything configured properly - does anyone have experience with this setup that would provide me some tips?

Thanks in advance,

Adam N1AH :)

12164. Re: [gmsk_dv_node] Pi / StarBoard and 7800R setup

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-15 04:11:38 UTC
From: Dennis Hitzigrath
Topic: 12163 Message: 12164

Hi Adam
I have exactly the same setup.
Get the Western Dstar Image for the Rpi burn it and log in via SSH.

Let me know if you understand what I’m telling you or if you need it more simple.

You have to configure the 7800 on 9600 and narrow. Mine does not work on UHF, don’t ask why… Because I don’t know ;-)
The hardest is getting your DSTAR HT or mobile to actually decode it.
Actually it is necessary to have a Windows PC and the program to configure the modem. (you need turn the resistors and it is very sensitive and takes quite long).

Have you registered at DSTAR?

Have you seen this website?
http://www.k6jm.com/hs-setup.htm

It’s kind of late. Try to see what you can do with the info I sent.
I’m glad to help you more if you have more questions.

73,
Dennis
XE1/N4DMH

El 14/11/2016, a las 08:42, n1ah_ct@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> escribió:

>
> Hi All,
>
>
>
> I now have my Pi, StarBoard and 7800R together to start setup of my 'hotspot' - trying to piece together the steps I need to take to get everything configured properly - does anyone have experience with this setup that would provide me some tips?
>
>
>
> Thanks in advance,
>
>
>
> Adam N1AH :)
>
>
>

12165. GM360 configuration for GMSK modem

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-15 10:00:18 UTC
From: J. M. Moen
Topic: 12165 Message: 12165

Has anyone on this list used a Motorola GM360 with a modem to create a D-Star Hotspot? If so, what were the RSS settings?

I know GM300s and MaxTracs have been used successfully, but the later versions eliminated jumpers in favor of RSS settings.

The objective, of course, is to get flat audio directly from the discriminator and to be able to send flat audio directly to the modulator.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12166. Re: [gmsk_dv_node] Pi / StarBoard and 7800R setup

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-15 15:04:38 UTC
From: n1ah_ct@...
Topic: 12163 Message: 12166

Hi Dennis!

Thanks for the reply - I have the western dstart image I'll burn onto it (a friend of mine recommended the maryland image but I'll try western), good on the SSH, im familiar with all that. So before I even hook the modem up to the PI - I still have to go through the PC steps, guess I was confused there. was having some issues trying to install the NATools configuration software on windows 10, found some troubleshooting steps but still working on it.

After the windows config is done, do I then hook it up to the Pi and set the configuration up there?

Adam

---In gmsk_dv_node@yahoogroups.com, <d@...> wrote :

Hi Adam I have exactly the same setup.
Get the Western Dstar Image for the Rpi burn it and log in via SSH.

Let me know if you understand what I’m telling you or if you need it more simple.

You have to configure the 7800 on 9600 and narrow. Mine does not work on UHF, don’t ask why… Because I don’t know ;-)
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Actually it is necessary to have a Windows PC and the program to configure the modem. (you need turn the resistors and it is very sensitive and takes quite long).

Have you registered at DSTAR?

Have you seen this website?
http://www.k6jm.com/hs-setup.htm http://www.k6jm.com/hs-setup.htm

It’s kind of late. Try to see what you can do with the info I sent.
I’m glad to help you more if you have more questions.

73,
Dennis
XE1/N4DMH

El 14/11/2016, a las 08:42, n1ah_ct@... mailto:n1ah_ct@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com mailto:gmsk_dv_node@yahoogroups.com> escribió:

Hi All,

I now have my Pi, StarBoard and 7800R together to start setup of my 'hotspot' - trying to piece together the steps I need to take to get everything configured properly - does anyone have experience with this setup that would provide me some tips?

Thanks in advance,

Adam N1AH :)

12167. RE: [gmsk_dv_node] Inexpensive Rig for HotSpot - Suggestions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-15 20:03:54 UTC
From: J. M. Moen
Topic: 12153 Message: 12167

As David KB1PVH noted, Motorola radios like the GM300 series or the earlier Maxtrac work well and are usually inexpensive. The trick is to obtain software that can program these radios. An alternative is to know someone with the software, or pay a commercial mobile radio shop to program the radio.

Besides Motorola radios, I have used a new Alinco MkIII with the simple mod for a D-Star Hotspot. I have also employed a used Kenwood D700 and ICOM 207H. The Kenwood TM-V71A works well also. There are many used Yaesu radios that will work.

I am a big believer in trying to find a suitable older used radio and getting a new one only if your search comes up empty. You are looking for a radio that supports 9600 packet data, since for most radios, the 9600 data mode eliminates audio filtering on both RX and TX.

If you see one, find its manual on the internet and check if there is a packet data connector on the back, and if the menu system supports setting the packet data speed to 9600.

For intermediate power, people have used the Friendcom FC-301. While rated at 5 watts at a low duty cycle, for Hotspots with high duty cycles, people run those at 1 watt and sometimes also attach a heat sink. I understand Friendcom now offers an FC-302 which tolerates higher duty cycles.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, November 02, 2016 2:58 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Inexpensive Rig for HotSpot - Suggestions
Hi There,
I have a gmsk and rasberry pi on the way - now i just need to find an inexpensive rig to pair with it to make a local hotspot. I saw an Alinco MKIII for about 165 - and a mod to make it work. Is this a good inexpensive choice? I have an old IC-91 HT no longer in use, assuming I cant use that, can I?
Thanks,
Adam N1AH_.___

Posted by: n1ah_ct@...

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https://www.avast.com/antivirus

12168. RE: [gmsk_dv_node] Pi / StarBoard and 7800R setup

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-15 20:12:27 UTC
From: J. M. Moen
Topic: 12163 Message: 12168

Dennis,

Let me know if you still have Win 10 issues getting NATools installed. Before testing with G4KLX on the Pi, be sure to get NATest, both RF Read and Echo Test, to work. This will save you a lot of time. (This is Step 4 at http://www.k6jm.com/hs-setup.htm .)

For Step 5, setting up the Hotspot software, take a look at “Configuring the Raspberry Pi using a GMSK Modem and G4KLX software” at http://www.k6jm.com/hs-piconfigG4KLX.htm -- it assumes you will use the westerndstar Pi image and walks you through the process.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, November 15, 2016 7:05 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Pi / StarBoard and 7800R setup
Hi Dennis!
Thanks for the reply - I have the western dstart image I'll burn onto it (a friend of mine recommended the maryland image but I'll try western), good on the SSH, im familiar with all that. So before I even hook the modem up to the PI - I still have to go through the PC steps, guess I was confused there. was having some issues trying to install the NATools configuration software on windows 10, found some troubleshooting steps but still working on it.

After the windows config is done, do I then hook it up to the Pi and set the configuration up there?

Adam

---In gmsk_dv_node@yahoogroups.com, <d@...> wrote :
Hi Adam
I have exactly the same setup.
Get the Western Dstar Image for the Rpi burn it and log in via SSH.

Let me know if you understand what I’m telling you or if you need it more simple.

You have to configure the 7800 on 9600 and narrow. Mine does not work on UHF, don’t ask why… Because I don’t know ;-)
The hardest is getting your DSTAR HT or mobile to actually decode it.
Actually it is necessary to have a Windows PC and the program to configure the modem. (you need turn the resistors and it is very sensitive and takes quite long).

Have you registered at DSTAR?

Have you seen this website?
http://www.k6jm.com/hs-setup.htm

It’s kind of late. Try to see what you can do with the info I sent.
I’m glad to help you more if you have more questions.

73,
Dennis
XE1/N4DMH

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12169. RE: [gmsk_dv_node] Pi / StarBoard and 7800R setup

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-15 20:48:05 UTC
From: n1ah_ct@...
Topic: 12163 Message: 12169

Hi Jim,

I've been having the win10 issue. Tried following the suggestions of turning off UEFI mode in my bios (i think thats what it was) and still had issues. Trying to find a non-win10 laptop to use so i can get it configured.

Adam

12170. RE: [gmsk_dv_node] Re: Building an access point or node (?) using an ID800

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-15 20:27:54 UTC
From: J. M. Moen
Topic: 12145 Message: 12170

For readers interested in how things work behind the scenes, the UDRC-II is really interesting.

If I understand correctly, it is not a modem, per se. Instead, it acts like sound card, routing RX and TX audio to/from the host pc. The host computer must run software that can do the modem functions, so to speak. I know that the G4KLX DStarRepeater has that ability, since Jonathan first wrote his sound card repeater quite a few years ago. There may be other applications that also have that ability; I have just not looked into it.

For hotspot functions, you set up G4KLX's ircDDBGateway and DStarRepeater as always, but when configuring DStarRepeater, on the Modem tab, tell it you have a soundcard. G4KLX supports choosing the UDRC instead of a traditional sound card. Note that the NW Digital Radio UDRC-II installation instructions make all this easy by having you download an initial DStarRepeater config file ("seed file").

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, October 29, 2016 9:09 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: Building an access point or node (?) using an ID800
Here is what you need. I have used it with an ID-880 through the 6-pin mini-din
udrc@... | Wiki <https://nw-digital-radio.groups.io/g/udrc/wiki/UDRC%E2%84%A2-For-Simplex-Hotspots-and-Converted-Analog-Repeaters>

<https://nw-digital-radio.groups.io/g/udrc/wiki/UDRC%E2%84%A2-For-Simplex-Hotspots-and-Converted-Analog-Repeaters> udrc@... | Wiki <https://nw-digital-radio.groups.io/g/udrc/wiki/UDRC%E2%84%A2-For-Simplex-Hotspots-and-Converted-Analog-Repeaters>
Datasheet: UDRCDS Instructions Important: Use only Compass Linux images and dstarrepeater packages. They contain support specific to the ...
View on nw-digital-radio.group... <https://nw-digital-radio.groups.io/g/udrc/wiki/UDRC%E2%84%A2-For-Simplex-Hotspots-and-Converted-Analog-Repeaters> Preview by Yahoo

UDRC™-II <http://nwdigitalradio.com/product/udrc/>

<http://nwdigitalradio.com/product/udrc/> UDRC™-II
<http://nwdigitalradio.com/product/udrc/>
Universal Digital Radio Controller 2 Port
View on nwdigitalradio.com <http://nwdigitalradio.com/product/udrc/> Preview by Yahoo

_,_._,___

Posted by: john@hays.org

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https://www.avast.com/antivirus

12171. Re: [gmsk_dv_node] Pi / StarBoard and 7800R setup

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-15 21:19:01 UTC
From: Dennis Hitzigrath
Topic: 12163 Message: 12171

Adam:
Please see Jim’s reply:
73,
Dennis
XE1/N4DMH - DL8ET

El 15/11/2016, a las 14:12, 'J. M. Moen' jim@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> escribió:

>
> Dennis,
>
> Let me know if you still have Win 10 issues getting NATools installed. Before testing with G4KLX on the Pi, be sure to get NATest, both RF Read and Echo Test, to work. This will save you a lot of time. (This is Step 4 at http://www.k6jm.com/hs-setup.htm .)
>
>
> For Step 5, setting up the Hotspot software, take a look at “Configuring the Raspberry Pi using a GMSK Modem and G4KLX software” at http://www.k6jm.com/hs-piconfigG4KLX.htm -- it assumes you will use the westerndstar Pi image and walks you through the process.
>
> Jim – K6JM
>
> From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
> Sent: Tuesday, November 15, 2016 7:05 AM
> To: gmsk_dv_node@yahoogroups.com
> Subject: Re: [gmsk_dv_node] Pi / StarBoard and 7800R setup
>
> Hi Dennis!
>
> Thanks for the reply - I have the western dstart image I'll burn onto it (a friend of mine recommended the maryland image but I'll try western), good on the SSH, im familiar with all that. So before I even hook the modem up to the PI - I still have to go through the PC steps, guess I was confused there. was having some issues trying to install the NATools configuration software on windows 10, found some troubleshooting steps but still working on it.
>
>
> After the windows config is done, do I then hook it up to the Pi and set the configuration up there?
>
>
> Adam
>
> ---In gmsk_dv_node@yahoogroups.com, <d@...> wrote :

>
> Hi Adam
>
> I have exactly the same setup.
>
> Get the Western Dstar Image for the Rpi burn it and log in via SSH.
>
>
> Let me know if you understand what I’m telling you or if you need it more simple.
>
>
> You have to configure the 7800 on 9600 and narrow. Mine does not work on UHF, don’t ask why… Because I don’t know ;-)
>
> The hardest is getting your DSTAR HT or mobile to actually decode it.
>
> Actually it is necessary to have a Windows PC and the program to configure the modem. (you need turn the resistors and it is very sensitive and takes quite long).
>
>
> Have you registered at DSTAR?
>
>
> Have you seen this website?
>
> http://www.k6jm.com/hs-setup.htm
>
>
> It’s kind of late. Try to see what you can do with the info I sent.
>
> I’m glad to help you more if you have more questions.
>
>
> 73,
>
> Dennis
>
> XE1/N4DMH
>
>
> Virus-free. www.avast.com
>
>

12172. RE: [gmsk_dv_node] Re: Win DV not showing reflectors like 30c [1 Attachment]

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-15 21:33:16 UTC
From: J. M. Moen
Topic: 12128 Message: 12172

WinDV users will benefit from Dave KB1PVH's advice regarding the Callsign Server when using WinDV. The FREE STAR* callsign server VE3TNK seems to be up to date all the time, while the DUTCH*Star callsign server sometimes is out of date or is missing reflectors.

I have updated my web page "Install and Configure WinDV" at http://www.k6jm.com/hs-setupwindv.htm to recommend using the FREE STAR* callsign server.

NOTE: Users of the NW Digital Radio ThumbDV USB stick and WinDV should also consider using this callsign server.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, September 17, 2016 8:56 AM
To: gmsk_dv_node
Subject: Re: [gmsk_dv_node] Re: Win DV not showing reflectors like 30c [1 Attachment]

[Attachment(s) <> from David Webb included below]
So I just installed version 1.5.7 and used the Free*Star callsign server and the AA4RC server and had no problems connecting to DPLUS reflectors.

Dave-KB1PVH

From: kb1pvh@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com>;
To: <gmsk_dv_node@yahoogroups.com>;
Subject: [gmsk_dv_node] Re: Win DV not showing reflectors like 30c
Sent: Sat, Sep 17, 2016 3:38:09 PM

Which version of WinDV are you using?

Dave-KB1PVH

Posted by: David Webb <kb1pvh@...>

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https://www.avast.com/antivirus

12173. RE: [gmsk_dv_node] Pi / StarBoard and 7800R setup

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-15 21:53:03 UTC
From: J. M. Moen
Topic: 12163 Message: 12173

The root causes of this problem are two-fold:
1) The GMSK modem driver to be installed in Windows when the NATools suite is installed is not officially signed -- --true of many 3rd party drivers. In the past, the Windows installer would complain about the driver not being signed, but it was easy to override and continue.
2) Later versions of Windows (8, 8.1, 10 etc.) especially 64 bit versions will not easily allow you to override the driver signing warning.

My web page “Installing NATools on Windows 8+” at
http://www.k6jm.com/hs-setupnatoolswin8.htm documents a solution others have come up with.

Basically, you first install NATools (run as Administrator) using the Custom Install option and unchecking the Drivers option. So you will install NATools but not the driver.

Then, you need to temporarily disable Windows driver signature enforcement – how depends on which Windows version, but it is a bit weird. Just follow the instructions.

Finally, go back to install NATools again, chose the Modify option and this time uncheck all options except Drivers. Windows will allow that (this time) and you will be home free.

This being a Windows issue, the BIOS is not involved.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, November 15, 2016 12:48 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Pi / StarBoard and 7800R setup
Hi Jim,
I've been having the win10 issue. Tried following the suggestions of turning off UEFI mode in my bios (i think thats what it was) and still had issues. Trying to find a non-win10 laptop to use so i can get it configured.

Adam

Posted by: n1ah_ct@...
_·_’___

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https://www.avast.com/antivirus

12174. Alternatives to DV products from MoenComm

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-16 00:44:11 UTC
From: J. M. Moen
Topic: 12174 Message: 12174

Today I sold the last Star*Board GMSK modem in stock. I have a bunch of cables, speaker/mikes etc. still in stock.

I plan to provide support to my customers for as long as it is needed.

I have posted some of my personal recommendations about alternatives to the Star*Board and Star*DV at www.moencomm.com

I will continue to stay active in Digital Voice amateur radio. It is an exciting time, with creative new hardware and software products constantly being developed.

I have thoroughly enjoyed working with Matrix Circuits, manufacturer of the above products, and in particular with Rick Schnicker, KD0OSS. He did the layout for the Star*Board modem, and he did the design of the Star*DV and created the Open Source software that it uses.

Matrix is considering some alternative products. In the future, it is possible I will revive my company to sell those.

In any case, it was a fun ride, and I appreciate everyone on this list helping each other be successful.

Jim – K6JM

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https://www.avast.com/antivirus

12175. RE: [gmsk_dv_node] Alternatives to DV products from MoenComm

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-16 01:05:27 UTC
From: khufford
Topic: 12174 Message: 12175

Alternative to Star board for DSTAR HF?
KENTKQ4KK

Samsung Galaxy S7 edge
-------- Original message --------From: "'J. M. Moen' jim@k6jm.com [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> Date: 11/15/16 19:44 (GMT-05:00) To: gmsk_dv_node@yahoogroups.com Subject: [gmsk_dv_node] Alternatives to DV products from MoenComm

Today I sold the last Star*Board GMSK modem in stock. I have a bunch of cables, speaker/mikes etc. still in stock.

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I have posted some of my personal recommendations about alternatives to the Star*Board and Star*DV at www.moencomm.com

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Matrix is considering some alternative products. In the future, it is possible I will revive my company to sell those.

In any case, it was a fun ride, and I appreciate everyone on this list helping each other be successful.

    Jim – K6JM

Virus-free. www.avast.com

12176. RE: [gmsk_dv_node] Alternatives to DV products from MoenComm

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-16 05:44:53 UTC
From: J. M. Moen
Topic: 12174 Message: 12176

First thought are the Client programs by G4KLX in his Digital Voice package found in the dstar_development Yahoo Group’s Files section.

He offers: DStarClient (works with sound card), DVRPTRClient (works with the DVRPTR modem) and GMSKClient (which obviously works with GMSK modems). All of them also need an AMBE device such as the ThumbDV, DV3K etc.

I have a feeling there are other alternatives – just can’t think of them right now.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, November 15, 2016 5:05 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Alternatives to DV products from MoenComm

Alternative to Star board for DSTAR HF?

KENT
KQ4KK

Samsung Galaxy S7 edge

-------- Original message --------
From: "'J. M. Moen' jim@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
Date: 11/15/16 19:44 (GMT-05:00)
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Alternatives to DV products from MoenComm

Today I sold the last Star*Board GMSK modem in stock. I have a bunch of cables, speaker/mikes etc. still in stock.
I plan to provide support to my customers for as long as it is needed.
I have posted some of my personal recommendations about alternatives to the Star*Board and Star*DV at www.moencomm.com
I will continue to stay active in Digital Voice amateur radio. It is an exciting time, with creative new hardware and software products constantly being developed.
I have thoroughly enjoyed working with Matrix Circuits, manufacturer of the above products, and in particular with Rick Schnicker, KD0OSS. He did the layout for the Star*Board modem, and he did the design of the Star*DV and created the Open Source software that it uses.
Matrix is considering some alternative products. In the future, it is possible I will revive my company to sell those.
In any case, it was a fun ride, and I appreciate everyone on this list helping each other be successful.
Jim – K6JM

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient&utm_term=icon> Virus-free. www.avast.com <https://www.avast.com/sig

-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient&utm_term=link>

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https://www.avast.com/antivirus

12177. Re: Alternatives to DV products from MoenComm

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-16 06:21:48 UTC
From: kb9mwr@...
Topic: 12174 Message: 12177

I like the idea of and AMBE board that can do all the digital formats and handle more than one stream at a time.

It would likely have to be based on the AMBE 3003 chip to support all the different digital format.

12178. Re: [gmsk_dv_node] Alternatives to DV products from MoenComm

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-17 11:00:14 UTC
From: Dennis Hitzigrath
Topic: 12174 Message: 12178

Hi Jim:
I would like to thank you for patiently getting me on the air!

You should find a way of producing and supplying MMDVMs now! The wait for those is unending….

Thank you very much again for your help, and I hope to see you “down the log!”

73,
XE1/N4DMH
El 15/11/2016, a las 18:44, 'J. M. Moen' jim@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> escribió:

>
> Today I sold the last Star*Board GMSK modem in stock. I have a bunch of cables, speaker/mikes etc. still in stock.
>
> I plan to provide support to my customers for as long as it is needed.
>
> I have posted some of my personal recommendations about alternatives to the Star*Board and Star*DV at www.moencomm.com
>
>
> I will continue to stay active in Digital Voice amateur radio. It is an exciting time, with creative new hardware and software products constantly being developed.
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> I have thoroughly enjoyed working with Matrix Circuits, manufacturer of the above products, and in particular with Rick Schnicker, KD0OSS. He did the layout for the Star*Board modem, and he did the design of the Star*DV and created the Open Source software that it uses.
>
> Matrix is considering some alternative products. In the future, it is possible I will revive my company to sell those.
>
> In any case, it was a fun ride, and I appreciate everyone on this list helping each other be successful.
>
> Jim – K6JM
>
>
> Virus-free. www.avast.com
>
>

12179. Anyone have issues with NATools /NaWintest Freezes?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-17 13:59:36 UTC
From: n1ah_ct@...
Topic: 12179 Message: 12179

Hi all,

I was able to successfully get NATools installed on my Win10 machine - hooked up my rig, board, laptop, followed the setup instructions here: http://www.k6jm.com/hs-setup.htm http://www.k6jm.com/hs-setup.htm

Couple things I ran into so far:

- I'm finding it very hard to get the text to come out green when doing the RF Read test, it mainly stays red. I got it to go green once during adjustments of the pot but otherwise all green.

- Also tried the echo test (after i saw green show up once) - my callsign and the prerecorded message play back, but not my voice.

The biggest problem Ive run into tho, is that 90+% of the time when doing the rf read or echo test, after i key up my HT and monitor the program, it typically ends up hanging on me. So I end up having to kill the NAtools program, unplug and plug the usb cable back in, and restart the test. I didnt know if it was a compatibility issue in Windows 10 or not, tried running them with different compatibility mode settings, restarted, rebooted, swore a few times (hehe).

Any thoughts?

Thanks,
Adam N1AH

12180. Re: [gmsk_dv_node] Anyone have issues with NATools /NaWintest Freezes?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-17 14:57:39 UTC
From: Dennis Hitzigrath
Topic: 12179 Message: 12180

Hi Adam.

I didn’t have the issues you mention, but I ran it on windows 7. Can’t somebody borrow you an old laptop?
Another option would be using the Rpi and connecting to REF001C and hoping somebody will come on the air…
I finally got mine to work a sunday during the DSTAR-NET.

This will only work once you have the RX settings setup. However, you can do that with the RF-READ function. Once you have a “steady” S8-S9, you’re probably as good as you can be.

73,
Dennis
XE1/N4DMH - DL8ET

El 17/11/2016, a las 07:59, n1ah_ct@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> escribió:

>
> Hi all,
>
>
>
> I was able to successfully get NATools installed on my Win10 machine - hooked up my rig, board, laptop, followed the setup instructions here: http://www.k6jm.com/hs-setup.htm
>
>
>
> Couple things I ran into so far:
>
>
>
> - I'm finding it very hard to get the text to come out green when doing the RF Read test, it mainly stays red. I got it to go green once during adjustments of the pot but otherwise all green.
>
>
>
> - Also tried the echo test (after i saw green show up once) - my callsign and the prerecorded message play back, but not my voice.
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>
> The biggest problem Ive run into tho, is that 90+% of the time when doing the rf read or echo test, after i key up my HT and monitor the program, it typically ends up hanging on

me. So I end up having to kill the NAtools program, unplug and plug the usb cable back in, and restart the test. I didnt know if it was a compatibility issue in Windows 10 or not, tried running them with different compatibility mode settings, restarted, rebooted, swore a few times (hehe).
>
>
>
> Any thoughts?
>
>
>
> Thanks,
>
> Adam N1AH
>
>
>
>

12181. Re: [gmsk_dv_node] Alternatives to DV products from MoenComm

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-18 03:25:42 UTC
From: kb9mwr@...
Topic: 12174 Message: 12181

I agree Jonathan's MMDVM is very powerful. I envision folks cross (remote) connecting D-Star to DMR, and all sorts of other combinations. To enable that though, a codec dongle of sorts will be needed. Which I why I suggested what I did..

---In gmsk_dv_node@yahoogroups.com, <d@...> wrote :
>You should find a way of producing and supplying MMDVMs now! The wait for those is unending….

Today I sold the last Star*Board GMSK modem in stock. I have a bunch of cables, speaker/mikes etc. still in stock.
I plan to provide support to my customers for as long as it is needed.
I have posted some of my personal recommendations about alternatives to the Star*Board and Star*DV at www.moencomm.com http://www.moencomm.com/

I will continue to stay active in Digital Voice amateur radio. It is an exciting time, with creative new hardware and software products constantly being developed.
I have thoroughly enjoyed working with Matrix Circuits, manufacturer of the above products, and in particular with Rick Schnicker, KD0OSS. He did the layout for the Star*Board modem, and he did the design of the Star*DV and created the Open Source software that it uses.
Matrix is considering some alternative products. In the future, it is possible I will revive my company to sell those.
In any case, it was a fun ride, and I appreciate everyone on this list helping each other be successful.
Jim – K6JM

https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient&utm_term=icon Virus-free. www.avast.com https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient&utm_term=link

12182. Re: [gmsk_dv_node] Alternatives to DV products from MoenComm

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-18 13:38:27 UTC
From: bruce.given@...
Topic: 12174 Message: 12182

Hello Dennis Just a note to let you know that we will be posting a announcement/update on the
" Unending wait " for the MMDVM boards in the next couple of days
regards
Bruce
VE2GZI

12183. Re: [gmsk_dv_node] Alternatives to DV products from MoenComm

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-18 13:40:51 UTC
From: Dennis Hitzigrath
Topic: 12174 Message: 12183

Sorry about that… hi
I hope it’s a positive note?

73,
Dennis
XE1/N4DMH - DL8ET

El 18/11/2016, a las 07:38, bruce.given@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> escribió:

> Hello Dennis
>
> Just a note to let you know that we will be posting a announcement/update on the
> " Unending wait " for the MMDVM boards in the next couple of days
> regards
> Bruce
> VE2GZI
>
>

12184. Re: [gmsk_dv_node] Alternatives to DV products from MoenComm

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-18 13:54:18 UTC
From: chipmckcmo@...
Topic: 12174 Message: 12184

will that notice show up here?

In a message dated 11/18/2016 7:41:00 A.M. Central Standard Time,
gmsk_dv_node@yahoogroups.com writes:

Sorry about that… hi
I hope it’s a positive note?

73,
Dennis
XE1/N4DMH - DL8ET

El 18/11/2016, a las 07:38, bruce.given@...m [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com> escribió:

Hello Dennis
Just a note to let you know that we will be posting a announcement/update
on the
" Unending wait " for the MMDVM boards in the next couple of days
regards
Bruce
VE2GZI

12185. Re: [gmsk_dv_node] Alternatives to DV products from MoenComm

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-18 14:09:05 UTC
From: Dennis Hitzigrath
Topic: 12174 Message: 12185

Hi, I can re-post if that helps you!
73,
Dennis
XE1/N4DMH - DL8ET

El 18/11/2016, a las 07:54, chipmckcmo@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> escribió:

>
> will that notice show up here?
>
>
> In a message dated 11/18/2016 7:41:00 A.M. Central Standard Time,
gmsk_dv_node@yahoogroups.com writes:
>
> Sorry about that… hi
>
> I hope it’s a positive note?
>
> 73,
> Dennis
> XE1/N4DMH - DL8ET
>
> El 18/11/2016, a las 07:38, bruce.given@... [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com> escribió:
>
>> Hello Dennis
>>
>> Just a note to let you know that we will be posting a announcement/update on the
>> " Unending wait " for the MMDVM boards in the next couple of days
>> regards
>> Bruce
>> VE2GZI
>>
>
>
>
>

12186. Re: [gmsk_dv_node] Alternatives to DV products from MoenComm

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-18 14:16:19 UTC
From: chipmckcmo@...
Topic: 12174 Message: 12186

Thanks Dennis, please do
Chip
WB0LBZ

In a message dated 11/18/2016 8:11:58 A.M. Central Standard Time,
gmsk_dv_node@yahoogroups.com writes:

Hi, I can re-post if that helps you!
73,
Dennis
XE1/N4DMH - DL8ET

El 18/11/2016, a las 07:54, chipmckcmo@aol.com [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com> escribió:

will that notice show up here?

In a message dated 11/18/2016 7:41:00 A.M. Central Standard Time,
gmsk_dv_node@yahoogroups.com writes:

Sorry about that… hi
I hope it’s a positive note?

73,
Dennis
XE1/N4DMH - DL8ET

El 18/11/2016, a las 07:38, bruce.given@gmail.com [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com> escribió:

Hello Dennis
Just a note to let you know that we will be posting a announcement/update
on the
" Unending wait " for the MMDVM boards in the next couple of days
regards
Bruce
VE2GZI

12187. Re: [gmsk_dv_node] Alternatives to DV products from MoenComm

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-18 14:11:01 UTC
From: Bruce Given
Topic: 12174 Message: 12187

I will make sure its posted here and on the MMDVM Yahoo group as well as the Facebook page and Blog
thanks

--
I'd rather live in a world full of eccentric thinkers than one full of unthinking consumers.

12188. MMDVM update

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-19 14:51:46 UTC
From: bruce.given@...
Topic: 12188 Message: 12188

As promised

Mid-November update
After a few long months of designing, testing and fine tuning, we finally have some concrete things to share with you guys. It might not be exactly the kind of news you were expecting, but we're confident you won't be disappointed...

Despite our best efforts, the MMDVM revision 1.2 is still far from completion. The design we originally envisioned for 1.2 incorporates a really good filter, but it is quite "aggressive" and requires more work, a lot more than we anticipated, both in software and hardware.

You probably noticed the messages some of our rev 1.2 testers exchanged on the Yahoo group over the last few months … We tested and tweaked, and then tested some more but unfortunately it's just not ready.

A big "Thank you!" goes to all those who helped us design and test this board. We owe you a beer! (or five?!)

We'll continue to work on the MMDVM revision 1.2 boards, and we hope we'll find a solution
In the meantime, as a small and well deserved reward for your patience, we'd like to present you a new board: the Rev 1.0.1 board.
We designed the new Rev 1.0.1 board with the following features:
· 12Mhz TCXO
· Multi-turn pots
· RSSI Inputs
· I2C output (to connect LCD)
· A serial output (to connect LCD)
· Additional radio sense and control lines to be used for DR1X conversation
· Protection diodes on all the radio signals
· Additional Status LEDS
The PCBs are ready and they're heading to the CM. However, it is mid-November and the timing is not really great. As the holiday season approaches fast, the deadlines become really fluid… We'd love to tell you that we'll ship them in 2-3 week but we simply don't know. Our best guess is "December"…

Once we get into production we will off course be releasing the schematics (PDF)

If you are on the waiting list for the Rev 1.2 and don't want to be switched to the Rev 1.0.1 board please let me know.

You don't need to re-confirm if I have already acknowledged ypu are on the list

If you wish to be removed entirely , I understand just let me know

thanks for your patience
regards

Bruce
VE2GZI

Email: ve2gzi@gmail.com

12189. RE: [gmsk_dv_node] Anyone have issues with NATools /NaWintest Freezes?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-19 19:14:52 UTC
From: J. M. Moen
Topic: 12179 Message: 12189

Adam,

Sounds like you successfully got past the Windows driver signing stuff. It is a bit of a pain to do that, but at least it is only done once on a given pc.

Regarding the hangup/freezing while doing NAWinTEST, I have seen that myself when my HT was too close to the board and RF caused the board to freeze. Lower power output on the HT to the lowest possible setting, and when transmitting, keep the HT as far away from the board as possible. Hopefully that will help.

You are smart to first try to get RF Read to work reliably. Usually, this is not a big deal – finding the audio level setting for TX testing is usually more difficult.

I would review my radio's settings to make sure it is really operating in Packet Data mode and the Packet Data Speed has been set to 9600. Which analog radio are you using?

Since you are getting the RF Read window to display callsigns and scroll received data buffers, then you have the RX Invert setting correct. Normally you don't need to mess with the RX trimpot – R1, just above the TX trimpot R36, which is next to the USB connector. In this case, you could adjust R1 while it is receiving the HT and see if you can get the green to show at the beginning of each new data buffer on the RF Read window.

When doing Echo Test, you say the transmitter is keyed, but your D-Star radio is not decoding the transmission. So you don't know if the TX Invert setting is correct. You just have to carefully adjust R36 while your Hotspot is transmitting, to find the correct deviation setting. If you can't find a setting that works, then go to NAWinCFG and reverse the TX Invert setting, then go back to Echo Test and repeat the test, again carefully adjusting R36. This procedure should end up being successful. And again, it is just one time, or until you change bands or the analog radio.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, November 17, 2016 6:00 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Anyone have issues with NATools /NaWintest Freezes?
Hi all,
I was able to successfully get NATools installed on my Win10 machine - hooked up my rig, board, laptop, followed the setup instructions here: http://www.k6jm.com/hs-setup.htm
Couple things I ran into so far:
- I'm finding it very hard to get the text to come out green when doing the RF Read test, it mainly stays red. I got it to go green once during adjustments of the pot but otherwise all green.
- Also tried the echo test (after i saw green show up once) - my callsign and the prerecorded message play back, but not my voice.

The biggest problem Ive run into tho, is that 90+% of the time when doing the rf read or echo test, after i key up my HT and monitor the program, it typically ends up hanging on me. So I end up having to kill the NAtools program, unplug and plug the usb cable back in, and restart the test. I didnt know if it was a compatibility issue in Windows 10 or not, tried running them with different compatibility mode settings, restarted, rebooted, swore a few times (hehe).
Any thoughts?
Thanks,
Adam N1AH

Posted by: n1ah_ct@...

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12190. RE: [gmsk_dv_node] MMDVM update

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-19 19:33:19 UTC
From: J. M. Moen
Topic: 12188 Message: 12190

Bruce,

That’s wonderful news. The new 1.0.1 board has substantial upgrades. Thanks for the info.

Jim – K6JM

PS To everyone – to get more info on the multi mode digital voice modem Bruce is talking about, check out http://mmdvm.blogspot.com/ . if you haven’t already, you may want to join the mmdvm Yahoo Group at https://groups.yahoo.com/neo/groups/mmdvm/info And on Facebook, check out https://www.facebook.com/MMDVM/

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, November 19, 2016 6:52 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] MMDVM update
As promised
Mid-November update
After a few long months of designing, testing and fine tuning, we finally have some concrete things to share with you guys. It might not be exactly the kind of news you were expecting, but we’re confident you won’t be disappointed...
Despite our best efforts, the MMDVM revision 1.2 is still far from completion. The design we originally envisioned for 1.2 incorporates a really good filter, but it is quite “aggressive” and requires more work, a lot more than we anticipated, both in software and hardware.
You probably noticed the messages some of our rev 1.2 testers exchanged on the Yahoo group over the last few months … We tested and tweaked, and then tested some more but unfortunately it’s just not ready.
A big “Thank you!” goes to all those who helped us design and test this board. We owe you a beer! (or five?!)
We’ll continue to work on the MMDVM revision 1.2 boards, and we hope we’ll find a solution
In the meantime, as a small and well deserved reward for your patience, we’d like to present you a new board: the Rev 1.0.1 board.
We designed the new Rev 1.0.1 board with the following features:
* 12Mhz TCXO
* Multi-turn pots
* RSSI Inputs
* I2C output (to connect LCD)
* A serial output (to connect LCD)
* Additional radio sense and control lines to be used for DR1X conversation
* Protection diodes on all the radio signals
* Additional Status LEDS
The PCBs are ready and they’re heading to the CM. However, it is mid-November and the timing is not really great. As the holiday season approaches fast, the deadlines become really fluid… We’d love to tell you that we’ll ship them in 2-3 week but we simply don’t know. Our best guess is “December”…
Once we get into production we will off course be releasing the schematics (PDF)

If you are on the waiting list for the Rev 1.2 and don't want to be switched to the Rev 1.0.1 board please let me know.
You don't need to re-confirm if I have already acknowledged ypu are on the list
If you wish to be removed entirely , I understand just let me know
thanks for your patience
regards
Bruce
VE2GZI
Email: ve2gzi@...

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12191. Received a non-repeater packet - ignoring?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-20 15:49:24 UTC
From: n1ah_ct@...
Topic: 12191 Message: 12191

Hi All,

I've made good progress getting everything set up - my last hurdle...transmitting the repeater software is showing a state: invalid, and I get a message that says "received a non-repeater packet, ignoring" - any suggestions on what I missed?

Thanks :)
Adam N1AH

12192. Re: [gmsk_dv_node] Received a non-repeater packet - ignoring?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-20 18:43:07 UTC
From: Dan Porter
Topic: 12191 Message: 12192

Assuming you are using Dstar Repeater in Simplex with RPT 1 validation on, make sure your D-Star radio is set for Duplex with a zero offset and Rpt1 & Rpt2 fields are correctly populated.

73,
Dan, AI2M

On 20 Nov 2016, at 10:49, n1ah_ct@... [gmsk_dv_node] wrote:

> Hi All,
>
> I've made good progress getting everything set up - my last
> hurdle...transmitting the repeater software is showing a state:
> invalid, and I get a message that says "received a non-repeater
> packet, ignoring" - any suggestions on what I missed?
>
> Thanks :)
> Adam N1AH

12193. Re: [gmsk_dv_node] Received a non-repeater packet - ignoring?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-21 16:40:34 UTC
From: n1ah_ct@...
Topic: 12191 Message: 12193

Hi there :)

I set my HT to a + split with a 0.00mhz offset - would that be correct?

(still no luck). What should i have in RPT1 and RPT2 fields (just to be sure)

Thanks :)
Adam N1AH

12194. Re: [gmsk_dv_node] Received a non-repeater packet - ignoring?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-21 16:50:26 UTC
From: Dan Porter
Topic: 12191 Message: 12194

That offset should be ok.

For example, if your gateway uses your call sign on module B:

RPT 1 = N1AH B
RPT 2 = N1AH G

On 21 Nov 2016, at 11:40, n1ah_ct@... [gmsk_dv_node] wrote:

> Hi there :)
>
> I set my HT to a + split with a 0.00mhz offset - would that be
> correct?
>
> (still no luck). What should i have in RPT1 and RPT2 fields (just to
> be sure)
>
> Thanks :)
> Adam N1AH

12195. Re: [gmsk_dv_node] Received a non-repeater packet - ignoring?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-21 18:06:50 UTC
From: Dennis Hitzigrath
Topic: 12191 Message: 12195

There is a "strickt" something in the software you need to deselect (I think).

•-•-•
dennis.hitzigrath
Message sent from cellphone.

> Am 21.11.2016 um 10:40 schrieb n1ah_ct@... [gmsk_dv_node]
<gmsk_dv_node@yahoogroups.com>:
>
> Hi there :)
>
>
> I set my HT to a + split with a 0.00mhz offset - would that be correct?
>
> (still no luck). What should i have in RPT1 and RPT2 fields (just to be sure)
>
> Thanks :)
> Adam N1AH
>

12196. RE: [gmsk_dv_node] Received a non-repeater packet - ignoring?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-21 20:33:02 UTC
From: J. M. Moen
Topic: 12191 Message: 12196

Adam,

As Dennis pointed out, there is usually a setting in Hotspot software about whether to require a valid RPT1 value or not. Going back through your previous posts, it appears you are using the westerndstar image on a Pi, meaning you are using the G4KLX DStarRepeater and ircDDBGateway.

If you start up DStarRepeaterConfig, on the Callsign tab, there is the RPT1 Validation setting. If you set that on, then you need to be sure your D-Star radio(s) have valid values in RPT1 and RPT2. Dan AI2M posted suggested example values, which should answer your question.

Jim – K6JM

For others interested in details:

When you enable RPT1 Validation and assuming your analog radio is in simplex mode with RX and TX on the same frequency, then you need to use the DUP/Zero Offset trick to cause the radio to actually transmit whatever is programmed into RPT1 and RPT2. (Otherwise, in Simplex/non-DUP mode, the radio sends DIRECT for both of those, regardless what you programmed .)

Here’s an example, assuming you have named your Hotspot N1AH B:
* Using ircDDBGatewayConfig, on the Gateway tab, you set Callsign to N1AH; on the first Repeater 1 tab, you set Band to B

Then in your D-Star radio with DUP/Zero Offset, program:
* RPT1=N1AH…B (. Is a space so band is in 8th position)
* RPT2=N1AH…G

Note that you could also configure DStarRepeaterConfig to disable RPT1 Validation. In that case, your D-Star radio can be in Simplex mode, and when the G4KLX programs see DIRECT in RPT1 and RPT2, they will substitute correct values and all will work.

You might ask why anyone would turn on RPT1 Validation and have to use the DUP/Zero trick. Some people believe this helps ensure anyone using their Hotspot really means to use it and has taken the trouble to configure properly.

NOTE: WinDV and DVAR have similar settings to verify RPT1 is valid, or not.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, November 21, 2016 8:41 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Received a non-repeater packet - ignoring?
Hi there :)

I set my HT to a + split with a 0.00mhz offset - would that be correct?

(still no luck). What should i have in RPT1 and RPT2 fields (just to be sure)

Thanks :)
Adam N1AH

Posted by: n1ah_ct@...

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12197. RE: [gmsk_dv_node] Received a non-repeater packet - ignoring?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-11-21 22:29:45 UTC
From: n1ah_ct@...
Topic: 12191 Message: 12197

Hi all,

Thank you SO Much for all the help!

I finally got it working after getting the HT set up properly. I'm now ready to transfer the station to my hot spot location.

I really appreciate everyone help, you are all awesome!

The next thing I want to try to set this up to be able to access the web page for the hotspot :)

Thanks all!
Adam N1AH

12198. Star*Board not working with ID-51+2

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-12-11 20:01:22 UTC
From: randallcwilkinson@...
Topic: 12198 Message: 12198

I have the MoenComm Matrix Circuits Star*Board V1.01 running the beta firmware from Dutch*Star connected to a Raspberry Pi 2, and using an ICOM 208H transceiver for the node radio. I've had this setup working for a couple years now. I did have to turn the TX Audio pot (R36) clockwise as far as it would go to receive on my older ID-51A handheld.

Recently, I purchased an ICOM ID-51Aplus2 handheld. I cannot get the ID-51+2 to reliably receive any transmissions from the Star*Board hotspot. Receive is intermittent. I see the receive light on while the hotspot is transmitting, but the audio coming out of the ID-51+2 seems to start and stop at random. Mostly silent.

This hotspot works perfectly with the ICOM IC-2820 I use in my car.

I also own a Kenwood TM-D74. It receives transmissions from the Star*Board hotspot perfectly. When I turn on both handhelds and place them side by side, the Kenwood allows me to hear every TX perfectly. The audio coming out of the ICOM starts and stops intermittently.

How can get my hotspot to work with my new ID-51Aplus2?

Randy - W4LKS
Spokane, WA

12199. Re: [gmsk_dv_node] Star*Board not working with ID-51+2

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-12-11 20:29:06 UTC
From: Donald Jacob
Topic: 12198 Message: 12199

Hi Randy,
Just a thought, the ID51 radios are a bit more touchy about levels than previous ICOM radios (and now the Kenwood).
Try adjusting the audio slightly.
As said, just a thought.

73
Don
WB5EKU

On Sun, Dec 11, 2016 at 12:01 PM, randallcwilkinson@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

>
>
> I have the MoenComm Matrix Circuits Star*Board V1.01 running the beta
> firmware from Dutch*Star connected to a Raspberry Pi 2, and using an ICOM
> 208H transceiver for the node radio. I've had this setup working for a
> couple years now. I did have to turn the TX Audio pot (R36) clockwise as
> far as it would go to receive on my older ID-51A handheld.
>
>
> Recently, I purchased an ICOM ID-51Aplus2 handheld. I cannot get the
> ID-51+2 to reliably receive any transmissions from the Star*Board hotspot.
> Receive is intermittent. I see the receive light on while the hotspot is
> transmitting, but the audio coming out of the ID-51+2 seems to start and
> stop at random. Mostly silent.
>
>
> This hotspot works perfectly with the ICOM IC-2820 I use in my car.
>
>
> I also own a Kenwood TM-D74. It receives transmissions from the
> Star*Board hotspot perfectly. When I turn on both handhelds and place them
> side by side, the Kenwood allows me to hear every TX perfectly. The audio
> coming out of the ICOM starts and stops intermittently.
>
>
> How can get my hotspot to work with my new ID-51Aplus2?
>
>
> Randy - W4LKS
>
> Spokane, WA
>
>

>

12200. Re: Star*Board not working with ID-51+2

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-12-12 04:56:42 UTC
From: randallcwilkinson@...
Topic: 12198 Message: 12200

Hi Don,

Yes...did that. Tried setting the TX Audio pot to many different settings. Did that extensively when I had my old ID-51A. Finally got it to work with that radio and left it there.

Now with my new ID-51Aplus2, it no longer works with that setting, or any setting for that matter.

Although the IC-2820 and the Kenwood TH-D74 seem to not care at all. Both radios will receive perfectly no matter what the TX Audio pot setting is.

Randy

12201. Re: Star*Board not working with ID-51+2

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-12-12 10:46:01 UTC
From: Roy Rieck
Topic: 12198 Message: 12201

That is part of the reason I sold my Moen board and bought a DVRPTR board, is the lack of adjustment on the pot. I did see at one time a mod to get more adjustment, but never performed it on my board. I don't recall if it involved adding resistanc or removing resistance in the circuit.

Not sure what radio you are using to supply the rf for the hotspot, I used a Yaesu 8800, and had the pot turned all the way to get it to work, but never could get it to work using my Kenwood D-710. This was using the ID31 for DStar.

12202. Re: [gmsk_dv_node] Re: Star*Board not working with ID-51+2

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-12-24 13:31:00 UTC
From: David Paquette
Topic: 12198 Message: 12202

You can find a mod for the Starboard in the following group. GMSK-DV-NODEFILES
foldermeon.jpg
I had the same issue with my Starboard modem using the ID-51 and ID-5100. This mod worked for me and may or may not work for you.
Hope to hear you on the air using your ID-51
R/Dave

On Sunday, December 11, 2016 11:56 PM, "randallcwilkinson@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

  Hi Don,
Yes...did that. Tried setting the TX Audio pot to many different settings. Did that extensively when I had my old ID-51A. Finally got it to work with that radio and left it there.
Now with my new ID-51Aplus2, it no longer works with that setting, or any setting for that matter.
Although the IC-2820 and the Kenwood TH-D74 seem to not care at all. Both radios will receive perfectly no matter what the TX Audio pot setting is.
Randy

12203. RE: [gmsk_dv_node] Re: Star*Board not working with ID-51+2

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2016-12-25 10:02:07 UTC
From: J. M. Moen
Topic: 12198 Message: 12203

The photo should be enough, but for the simpler of the 2 mods, in words:

R6 Mod
Carefully remove R6, then create a solder bridge across the pads, OR
Leave R6 in place and solder a small wire across the two pads (making it possible to cut the wire later)

I personally remove R6 and put a solder bridge across the pads.

Jim – K6JM
From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, December 24, 2016 5:31 AM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Re: Star*Board not working with ID-51+2

You can find a mod for the Starboard in the following group.
GMSK-DV-NODE
FILES folder
meon.jpg

I had the same issue with my Starboard modem using the ID-51 and ID-5100. This mod worked for me and may or may not work for you.

Hope to hear you on the air using your ID-51

R/
Dave

On Sunday, December 11, 2016 11:56 PM, "randallcwilkinson@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

Hi Don,

Yes...did that. Tried setting the TX Audio pot to many different settings. Did that extensively when I had my old ID-51A. Finally got it to work with that radio and left it there.

Now with my new ID-51Aplus2, it no longer works with that setting, or any setting for that matter.

Although the IC-2820 and the Kenwood TH-D74 seem to not care at all. Both radios will receive perfectly no matter what the TX Audio pot setting is.

Randy

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

12204. GMSK DV node adapter

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-01-08 23:54:24 UTC
From: ic7461@...
Topic: 12204 Message: 12204

I am waiting for a GMSK DV node adapter to arrive. I am going to use a Raspberry Pi 3 and Arduino Uno to pair with it. I've tried the Maryland image with no success for the Pi 3. All I get is the rainbow image and won't boot. I have installed with success the Dstar Commander 2.01 image and seems to run good on the pie although I won;t know until I get the modem. Here is the modem.
DV MEGA http://www.dvmega.auria.nl/GMSK_shield.html

http://www.dvmega.auria.nl/GMSK_shield.html

DV MEGA http://www.dvmega.auria.nl/GMSK_shield.html - Fits on Arduino UNO and MEGA 1280/2560 - Standard mini Din /ps2 9600 packet connector - half and full duplex mode support - Complete assembled -...

View on www.dvmega.auria.nl http://www.dvmega.auria.nl/GMSK_shield.html
Preview by Yahoo

My question is, is there anybody using the Commander image? What is a known good image that will work with the Raspberry Pi 3? I want to build a Simplex Hotspot with Yaesu FT-1500m.
Thanks,
Todd
AL7PX

12205. What do you suggest for an initial setup?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-01-09 07:38:03 UTC
From: kf6zjd@...
Topic: 12205 Message: 12205

Hello group.

I'm new to the digital world and in a bit of a predicament. There is no one in my area who seems to be into digital, at all. The closest repeaters to my QTH is out of range for me to hit. That said, I am wanting to build a "community" D-Star hotspot/repeater.

Here's what I have right now to start with.

2 - Kenwood TK-790 VHF mobile radios with programming cable and software.
1 - 6 Cavity, VHF desktop repeater duplexer.
1 35' Antenna tower with a Comet GP-6 antenna (en route from Antenna farm)
1 - HP laptop running windows (Serial port only and 2 USB ports (high power consumption compared to Raspberry, and wouldn't mind switching if that is what is best)
1 - High-speed internet connection (2.4Ghz wireless from 11 miles away) low latency.
Can anyone tell me what else I should get to make my D-Star dream a reality? My understanding is that I need a GMSK Node Adapter.

What I'm looking for is:
The best option for the computer (laptop or Raspberry or other
The best software option
Any other hardware I have left out of the equation.

And yes, I do already know I have to get coordination and register with the D-Star system. I think I have already registered my call-sign to use the system, but have not registered the hotspot or repeater.

Thanks in advance to everyone for their anticipated response, wisdom and guidance AND reading through all of my ramblings.

73s

Dan
KF6ZJD
Red Bluff, CA.

12206. Alinco MKIII mods for D-Star

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-01-10 15:34:35 UTC
From: ve1aic@...
Topic: 12206 Message: 12206

Awhile back there was talk of mods for the Alinco MKIII VHF radio for D-Star.
I looked at Jim's site and tried the 'simple' mod by cutting the 9600b wire and soldering it to a direct point.
hs-alinco-mods.htm by KE2N.

While this does work not too bad, the TX low-speed data is not reliable on my 5100. Of course the IC-80 receives it fine. Adjustment of TX level got it close but not perfect.

I have other radios that do it prefectly with the same setup so had hopes the Alinco could do it considering its advertised as a 9600b packet radio.

At the bottom of Jims page is a link to the QRZ page of DB0EAT.
I remember seeing this some time ago but today it no longer has their mod info.

Did anyone save it or have a current link?

Is anyone using the DR-135 and happy with the low-speed data response?

73, Ron
VE1AIC

12207. FC-302V for D-Star

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-01-10 15:42:52 UTC
From: ve1aic@...
Topic: 12207 Message: 12207

I have found that some people sucessfully used the Friendcom FC-301 data radio for D-Star. This model is out of production and replaced with the FC-302 which is supposed to be much better.

I've had one for a couple of months, and when I finally got the correct programming software I found it would not allow 5 Khz steps, only 6.25Khz. That means a whole lot of HAM channels become unseable.
ie 144.390 is off by -2.5Khz, 145.010 is off by +2.5Khz, and many D-Star channels have the same problem.

I can use it properly on 145.650, 145.750, and 147.525 mhz but not much else for a D-Star Hotspot.

Secondly, this model has a 60 second (max) TX timer. So using it on D-Star Reflectors is not fun.

Too bad as its a great radio and does D-Star perfectly.

Anyone using a FC-302?..or a FC-301 to compare?

73, Ron
VE1AIC

12208. Re: What do you suggest for an initial setup?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-01-10 15:54:08 UTC
From: ve1aic@...
Topic: 12205 Message: 12208

I suggest starting out with a simple Hotspot with one (simplex) radio.
Build it all up and test from your Home where the Internet part is easy.

1. There are still some GMSK modems around on the used market so ask around.
The latest one in production is the MMDVM modem but that is very compicated by comparison.
It was primarily developed for multi-mode DV (D-Star, DMR, C4FM) so for just D-Star then a dedicated GMSK modem is your best bet. (DVRPTR_V1, MOEN, others)

2. For D-Star there are a number of "images" available for Raspberry Pi (2 or 3).
Western-Star and Maryland are both based on the G4KLX packages. They are reliable and easy to setup with lots of documentation available.

73, Ron
VE1AIC

12209. Verizon Wireless USB hotspot?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-01-11 09:34:27 UTC
From: kf6zjd@...
Topic: 12209 Message: 12209

Does anyone know if a Verizon wireless USB style hotspot with it's own data plan will connect to the Pi when it is used for a D-Star hotspot?

12210. RE: [gmsk_dv_node] GMSK DV node adapter

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-01-14 01:12:30 UTC
From: Jim Moen
Topic: 12204 Message: 12210
Attachments: 1 described; binary payloads are missing from this source WARC

The W6KD DStar Commander image is very popular. It is based, like many other images, on the westerndstar image, but Bob has added a lot of nice features that people really like. And of course, it uses G4KLX DStarRepeater and ircDDBGateway, which are full featured and popular.

I have used that image, but not lately and am not an expert on it.

I think you have made good selections and should be happy with the end result. If you have questions, we might on this list be able to help you. Otherwise, be sure to check out http://w6kd.boards.net/board/4/dstar-commander-g4klx-support-discussion

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Sunday, January 8, 2017 3:54 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] GMSK DV node adapter

I am waiting for a GMSK DV node adapter to arrive. I am going to use a Raspberry Pi 3 and Arduino Uno to pair with it. I've tried the Maryland image with no success for the Pi 3. All I get is the rainbow image and won't boot. I have installed with success the Dstar Commander 2.01 image and seems to run good on the pie although I won;t know until I get the modem. Here is the modem.
DV MEGA <http://www.dvmega.auria.nl/GMSK_shield.html>

<http://www.dvmega.auria.nl/GMSK_shield.html> DV MEGA <http://www.dvmega.auria.nl/GMSK_shield.html>
- Fits on Arduino UNO and MEGA 1280/2560 - Standard mini Din /ps2 9600 packet connector - half and full duplex mode support - Complete assembled -...
View on www.dvmega.auria.nl
<http://www.dvmega.auria.nl/GMSK_shield.html> Preview by Yahoo
My question is, is there anybody using the Commander image? What is a known good image that will work with the Raspberry Pi 3? I want to build a Simplex Hotspot with Yaesu FT-1500m.
Thanks,
Todd
AL7PX

12211. RE: [gmsk_dv_node] Verizon Wireless USB hotspot?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-01-14 01:41:14 UTC
From: Jim Moen
Topic: 12209 Message: 12211
Attachments: 1 described; binary payloads are missing from this source WARC

People do that all the time. I use AT&T but the approach is the same. Set up your phone to create a mini wifi access point with password. Your Pi will need a wifi adapter and you will need to configure the wifi software to find your phone’s acess point and know its password. I have done this using the basic westerndstar image, but I am told the W6KC DStar Commander image makes wifi configuration easier.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, January 11, 2017 1:34 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Verizon Wireless USB hotspot?

Does anyone know if a Verizon wireless USB style hotspot with it's own data plan will connect to the Pi when it is used for a D-Star hotspot?

12212. RE: [gmsk_dv_node] Re: What do you suggest for an initial setup?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-01-14 01:36:14 UTC
From: Jim Moen
Topic: 12205 Message: 12212
Attachments: 1 described; binary payloads are missing from this source WARC

I agree with Ron and add the following –

While multi-mode is likely to become very popular, I would start out with a modem dedicated to D-Star or similar device. Since this list focuses on GMKS Node Adapters, I can recommend the GMSK Modem from DVMEGA at http://www.dvmega.auria.nl/GMSK_shield.html . This is a daughterboard or shield that fits on an Arduino UNO or MEGA which runs the firmware, and the pair connect via USB to the pc or Pi.

I have had a lot of luck with the Pi. Because there are several high quality image files that you can download and burn to an SD card, you can quickly get the hotspot running after configuring the G4KLX programs DStarRepeater and ircDDBGateway.

When configuring ircDDBGateway, you have a choice on the ircDDB tab. You can register your repeater's callsign at http://regsrv.ircddb.net/index.htm and use one of their servers on the ircDDB tab. They require the callsign NOT be registered at a Trust Server gateway, so if you want to use your own callsign, then be sure to delete your Trust registration before trying to register it at ircddb.net. (After ircddb registration, you can then go back and register it at a Trust gateway if you want.) Or, if possible, you could request a separate callsign for your repeater (sorry I don't know how that works in your country).

OR, better yet, don't register at ircddb.net, but when configuring the ircDDB tab in ircDDBGateway, use the server called "rr.openquad.net", since they do not require registration. In that case, you can use your own callsign (from a D-Star point of view) and it can be registered at a Trust Server gateway.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, January 10, 2017 7:54 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: What do you suggest for an initial setup?

I suggest starting out with a simple Hotspot with one (simplex) radio.
Build it all up and test from your Home where the Internet part is easy.

1. There are still some GMSK modems around on the used market so ask around.
The latest one in production is the MMDVM modem but that is very compicated by comparison.
It was primarily developed for multi-mode DV (D-Star, DMR, C4FM) so for just D-Star then a dedicated GMSK modem is your best bet. (DVRPTR_V1, MOEN,

others)

2. For D-Star there are a number of "images" available for Raspberry Pi (2 or 3).
Western-Star and Maryland are both based on the G4KLX packages. They are reliable and easy to setup with lots of documentation available.

73, Ron
VE1AIC

12213. RE: [gmsk_dv_node] Alinco MKIII mods for D-Star

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-01-14 01:45:19 UTC
From: Jim Moen
Topic: 12206 Message: 12213
Attachments: 1 described; binary payloads are missing from this source WARC

Ron,

You might consider the alternative mod at
http://www.k6jm.com/hs-alinco-mods.htm (called More Complicated Mod) on the
lower half of that page. It builds on the mod you did, so no backtracking.
Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, January 10, 2017 7:35 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Alinco MKIII mods for D-Star

Awhile back there was talk of mods for the Alinco MKIII VHF radio for
D-Star.
I looked at Jim's site and tried the 'simple' mod by cutting the 9600b wire
and soldering it to a direct point.
hs-alinco-mods.htm by KE2N.

While this does work not too bad, the TX low-speed data is not reliable on
my 5100. Of course the IC-80 receives it fine. Adjustment of TX level got
it close but not perfect.

I have other radios that do it prefectly with the same setup so had hopes
the Alinco could do it considering its advertised as a 9600b packet radio.

At the bottom of Jims page is a link to the QRZ page of DB0EAT.
I remember seeing this some time ago but today it no longer has their mod
info.

Did anyone save it or have a current link?

Is anyone using the DR-135 and happy with the low-speed data response?

73, Ron
VE1AIC

12214. RE: [gmsk_dv_node] FC-302V for D-Star

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-01-14 02:05:03 UTC
From: Jim Moen
Topic: 12207 Message: 12214
Attachments: 1 described; binary payloads are missing from this source WARC

Never thought about that. I am not sure of Canadian rules about various ham bands, so you may need to skip this note. If you are channelized on the VHF band, I can see the problem with the FC-302.

In US FCC areas, there are band segments where we can use pretty much any frequency, so the issue here would be if you and/or users of your hotspot had radios that are difficult to program to unusual step frequencies.

I hope someone with experience with these radios can shed more light….

Jim – K6JM

PS Looking at the US ARRL VHF recommended bandplan, which I know is not necessarily relevant to you, I see 144.39 is in the new OSCAR subband. That might still be ok for a hotspot, depending on the power and antennas you use.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, January 10, 2017 7:43 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] FC-302V for D-Star

I have found that some people sucessfully used the Friendcom FC-301 data radio for D-Star.
This model is out of production and replaced with the FC-302 which is supposed to be much better.

I've had one for a couple of months, and when I finally got the correct programming software I found it would not allow 5 Khz steps, only 6.25Khz. That means a whole lot of HAM channels become unseable.
ie 144.390 is off by -2.5Khz, 145.010 is off by +2.5Khz, and many D-Star channels have the same problem.

I can use it properly on 145.650, 145.750, and 147.525 mhz but not much else for a D-Star Hotspot.

Secondly, this model has a 60 second (max) TX timer. So using it on D-Star Reflectors is not fun.

Too bad as its a great radio and does D-Star perfectly.

Anyone using a FC-302?..or a FC-301 to compare?

73, Ron
VE1AIC

12215. RE: [gmsk_dv_node] FC-302V for D-Star

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-01-14 20:46:14 UTC
From: ve1aic@...
Topic: 12207 Message: 12215

Hi Jim,
Thanks for the reply, I guess you're not on APRS.
The North American (and others) APRS frequency is 144.390mhz so there are hundreds of stations on there 24/7.
Anyway, as mentioned there are lots of frequencies that the FC-302V can tune to for a personal Hotpsot but if want it for APRS or Packet, or a specific channel then its a problem.
I'm hoping Friendcom is going to get back to me with a mod or something for 5Khz steps.
73, Ron
VE1AIC

12216. RE: [gmsk_dv_node] Alinco MKIII mods for D-Star

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-01-14 20:50:08 UTC
From: ve1aic@...
Topic: 12206 Message: 12216

I consider the "complicated" mod but the DR-135 circuit board is very tight..and old eyesight not really up to hacking that radio HI.

Some time ago I did read the mod by the DB0EAT station and remember the picture with the inline capacitor. Unfortunately thats not longer on the web page.
Guess I'll try emailing the author.
The DR-135 does work fine on D-Star, just the GPS and message data is very poor.
73, Ron
VE1AIC

---In gmsk_dv_node@yahoogroups.com, <jim@...> wrote :

Ron,

You might consider the alternative mod at
http://www.k6jm.com/hs-alinco-mods.htm http://www.k6jm.com/hs-alinco-mods.htm (called More Complicated Mod) on the
lower half of that page. It builds on the mod you did, so no backtracking.
Jim – K6JM

From: gmsk_dv_node@yahoogroups.com mailto:gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, January 10, 2017 7:35 AM
To: gmsk_dv_node@yahoogroups.com mailto:gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Alinco MKIII mods for D-Star

Awhile back there was talk of mods for the Alinco MKIII VHF radio for
D-Star.
I looked at Jim's site and tried the 'simple' mod by cutting the 9600b wire
and soldering it to a direct point.
hs-alinco-mods.htm by KE2N.

While this does work not too bad, the TX low-speed data is not reliable on
my 5100. Of course the IC-80 receives it fine. Adjustment of TX level got
it close but not perfect.

I have other radios that do it prefectly with the same setup so had hopes
the Alinco could do it considering its advertised as a 9600b packet radio.

At the bottom of Jims page is a link to the QRZ page of DB0EAT.
I remember seeing this some time ago but today it no longer has their mod
info.

Did anyone save it or have a current link?

Is anyone using the DR-135 and happy with the low-speed data response?

73, Ron
VE1AIC

12217. RE: [gmsk_dv_node] FC-302V for D-Star

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-01-16 05:24:27 UTC
From: Jim Moen
Topic: 12207 Message: 12217
Attachments: 1 described; binary payloads are missing from this source WARC

Fred KA4YBR (DUTCH*Star) told me today he still has some FC-301s (both VHF and UHF) for sale. He was in an auto accident and has been laid up for a while, but is just starting to be able to function again.

He had worked with Friendcom when the 301 first came out and they made some changes (focused on Hams) to their firmware at his suggestion. He told me they have sent him a bunch of documentation about the 302. But I don’t know if he will get involved like he did on the 301.

Jim – K6JM

PS I did a lot of APRS from 2003 to about when I got involved in D-Star, but I completely forgot about that magic frequency, sorry. Of course, you sure would not want to use the Friendcom with a modem running D-Star on 144.39….

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, January 14, 2017 12:46 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] FC-302V for D-Star
Hi Jim,
Thanks for the reply, I guess you're not on APRS.
The North American (and others) APRS frequency is 144.390mhz so there are hundreds of stations on there 24/7.
Anyway, as mentioned there are lots of frequencies that the FC-302V can tune to for a personal Hotpsot but if want it for APRS or Packet, or a specific channel then its a problem.
I'm hoping Friendcom is going to get back to me with a mod or something for 5Khz steps.
73, Ron
VE1AIC

Posted by: ve1aic@... <mailto:ve1aic@...>

12218. RE: [gmsk_dv_node] Alinco MKIII mods for D-Star

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-01-16 08:27:53 UTC
From: Jim Moen
Topic: 12206 Message: 12218
Attachments: 1 described; binary payloads are missing from this source WARC

Ron,

The Wayback Machine has the Alinco mod article at
https://web.archive.org/web/20140308213941/http://www.qrz.com/db/DB0EAT
March 8 2014
<https://web.archive.org/web/20140308213941/http:/www.qrz.com/db/DB0EAT%20March%208%202014> but that is only the archived HTML, and the mod was mostly described in the photo files, which are no longer available. If DB0EAT responds to you, hopefully he will send you the photos and I can ask him for permission to put them on my webpage about Alinco DR-x35 mods for D-Star.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, January 14, 2017 12:50 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Alinco MKIII mods for D-Star
I consider the "complicated" mod but the DR-135 circuit board is very tight..and old eyesight not really up to hacking that radio HI.

Some time ago I did read the mod by the DB0EAT station and remember the picture with the inline capacitor. Unfortunately thats not longer on the web page.
Guess I'll try emailing the author.
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73, Ron
VE1AIC

---In gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com> , <jim@... <mailto:jim@...> > wrote :
Ron,

You might consider the alternative mod at
http://www.k6jm.com/hs-alinco-mods.htm (called More Complicated Mod) on the lower half of that page. It builds on the mod you did, so no backtracking.
Jim – K6JM

From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>
[mailto:gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>]
Sent: Tuesday, January 10, 2017 7:35 AM
To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>
Subject: [gmsk_dv_node] Alinco MKIII mods for D-Star

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I remember seeing this some time ago but today it no longer has their mod info.

Did anyone save it or have a current link?

Is anyone using the DR-135 and happy with the low-speed data response?

73, Ron
VE1AIC

12219. RE: [gmsk_dv_node] Alinco MKIII mods for D-Star

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-01-16 17:58:38 UTC
From: ve1aic@...
Topic: 12206 Message: 12219

Thanks for looking into that Jim.
I looked at the archived page and even try to find the missing photos but they are no longer on the QRZ server.
I did email Andreaus (Andy, DL6EAT - W6EAT) who was kind enough to reply but I may be able to figure it out. The darn main board is very tight and hard to work on. Here is his repply.

"I do not have the original documentation any longer, but I put the TX signal directly to the VCO (just coupled by a capacitor) and the Rx got connected to the demodulator.
In addition I used a 6 KHz Murata filter."

Thanks for you efforts Jim, if I do get it working better I'll post on here again.

73, Ron
VE1AIC

12220. RE: [gmsk_dv_node] FC-302V for D-Star

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-01-16 18:04:57 UTC
From: ve1aic@...
Topic: 12207 Message: 12220

Thanks for the info on Fred KA4YBR from DUTCH*Star . I will contact him directly.

The engineers at Friendcom seemed genuily interested and supplied me with the correct programming software. They were interested in what applications I would be using so I said: APRS, Packet Radio, D-Star, DMR and C4FM (Fusion).
Perhaps they may come out with new firmware. If they can enable the 5Khz steps then at least I can use the FC302V on APRS. Right now it makes a perfect 5W D-Star Hotpsot but can only work on a couple of "regular" channels which fall on the 6.25Khz steps.

73, Ron
VE1AIC

12221. Need Help

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-01-25 15:33:56 UTC
From: ic7461@...
Topic: 12221 Message: 12221

I'm having issues with my new Simplex GMSK DvMega modem running Raspberry V3B and Commander 2.01 software. It seems like the software, both "ircDDBGateway" and "PCRepeaterController" for D-Star is working ok but my Icom 9100 can't communicate with the software through my simplex radio Yaesu FT-1500m. I can get the software to connect to a reflector during start-up but have no control using the 9100. Also, after linking to a reflector at start-up the yaesu FT-1500 has no Dstar traffic. It doesn't transmit any signals. Both radios on same frequency. I'm using a straight through males 6 pin Din cable on the modem to the radio. Six wire Connection verified. I am at a loss trying to figure the problem. Both my call and second terminal are registered. Kept both repeater fields empty in 9100. Any suggestions would be greatly appreciated.
Todd
AL7PX

12222. RE: [gmsk_dv_node] Need Help

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-01-30 09:41:08 UTC
From: Jim Moen
Topic: 12221 Message: 12222
Attachments: 1 described; binary payloads are missing from this source WARC

Todd,

Assuming you've installed the latest firmware on your Arduino UNO or MEGA 1280/2560, and assuming you've configured DStarRepeater and ircDDBGateway correctly (per the DVMEGA GMSK Manual), you should make sure the Yaesu FT-1500M is set for 9600 packet. Enter Menu mode and access Menu 518 (DATA.SPD). Set data speed to 9600.

This will ensure the radio will get RX audio directly from the discriminator, and TX audio is injected directly to the modulator, in both cases without filtering or audio processing, which is required for D-Star's GMSK modulation. 1200 baud packet, on the other hand, has filtering and mangles the GMSK audio.

Once you are sure of that, link to the E module of a REF reflector (like REF001E). This provides an echo function. Transmit for a while, then check that the 1500 has been keyed and is transmitting to play back the recording. Adjust the TX audio level on the GMSK modem until your D-Star radio can decode. Adjusting this really is adjusting the deviation of the FM transmission, and D-Star radios expect the received signal to have proper deviation.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, January 25, 2017 7:34 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Need Help

I'm having issues with my new Simplex GMSK DvMega modem running Raspberry V3B and Commander 2.01 software. It seems like the software, both "ircDDBGateway" and "PCRepeaterController" for D-Star is working ok but my Icom 9100 can't communicate with the software through my simplex radio Yaesu FT-1500m. I can get the software to connect to a reflector during start-up but have no control using the 9100. Also, after linking to a reflector at start-up the yaesu FT-1500 has no Dstar traffic. It doesn't transmit any signals. Both radios on same frequency. I'm using a straight through males 6 pin Din cable on the modem to the radio. Six wire Connection verified. I am at a loss trying to figure the problem. Both my call and second terminal are registered. Kept both repeater fields empty in 9100. Any suggestions would be greatly appreciated.
Todd
AL7PX

12223. RE: [gmsk_dv_node] Need Help

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-01-30 17:33:25 UTC
From: ic7461@...
Topic: 12221 Message: 12223

Hi Jim:
Thanks for the reply. Been trying for many days now to get this hotspot working but no luck. Ok, I double checked FT-1500 radio setting for 9600 and is good. I went through the manual again to ensure software settings are all good in both ircDDB and D-Star Repeater. I checked the file section and found the settings TX and RX Inversion settings for the Yaesu FT-1500. I tried different combinations on that setting also. I had ircDDB Gateway software connect to REF001E at start-up which it did connect ok. I transmitted the 9100 in DV mode to the set frequency of 145.6 as on the Yaesu 1500 also and Yaesu received signal. The COS LED lights up on the Dvmega gmsk board. After brief key-down wait for echo and hear nothing. The Yaesu does not key. The transmit LED on the board does not light either. I did see a few messages in the scrolling log on D-Star Repeater software that didn't look good during and shortly after keying 9100.

Invalid data received from Dvmega Dvmega not responding to "Set_Config" command I'm not sure what the problem is but I might try reloading firmware again on Arduino Uno. I don't have any experience with these setups and just guessing on everything.
Todd
AL7PX

12224. RE: [gmsk_dv_node] Need Help

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-01-30 20:18:40 UTC
From: Jim Moen
Topic: 12221 Message: 12224
Attachments: 1 described; binary payloads are missing from this source WARC

Todd,

OK, those error messages imply to me that DStarRepeater is having problems talking to the Arduino firmware. This could be caused by DStarRepeaterConfig having its Modem tab not quite right, or something might be wrong with the Arduino firmware.

I assume you downloaded the firmware from the link at http://www.dvmega.auria.nl/GMSK_shield.html which is http://www.dvmega.auria.nl/Downloads.html and chose the GMSK_NODE_UNO Version 1.51 or GMSK_NODE_MEGA Version 1.51 (depending on which Arduino you are using). You probably also downloaded the Xloader program and used that to install the firmware on your Arduino.

Let me know if all that is true. If so, then I am not sure why DStarRepeater is having problems with the Arduino firmware and we'll have to dig deeper. You might include the full contents of a log found at /var/log called DStarRepeater….-yyyy-mm-dd.log.

Jim – K6JM

PS Just skim the following to be sure you have configured the Pi and the DStarRepeater program correctly, and hopefully it might also help others with a DVMEGA GMSK Modems.

You have probably double-checked everything many times, but please bear with me. Let's start with DStarRepeater and make sure when DStarRepeater is running, it is using the correct config file. Different Pi images handle this in different ways. Since you said you have tried different RX/TX Inversion settings, I know you have done the following, but I include it for people who just got their DVMEGA GMSK Modem board. In your case, skip down to DStarRepeater Config of Modem tab.

This assumes you have downloaded the DStarCommander_V2.01_dvmega.zip file and unzipped it. This file is for people with the DVMEGA RPI radio or Dualband radio board, not the GMSK Modem board . So the Commander's easy setup tools will have to be bypassed. In the DStarCommander_V2.01_dvmega folder, inside the Docs folder, is the Manual Setup.pdf. In the BASIC SETUP part of this doc, Bob has you log onto the Debian Linux desktop running on the Pi, but the doc does not really explain how.

(Short answer: plug in a monitor, keyboard and mouse to the Pi and you have access to the desktop directly. Or, you can use a VNC Client on your pc, tell it to connect to the internal IP of your Pi and log on headless and get full GUI access to the Debian desktop. If you have questions about this, please let me know.)

DStarRepeater Config of Modem tab
Step 3 of BASIC SETUP says “Double click the D-Star Config desktop icon”. Step 3.b configures the Modem tab, and this is where your GMSK Modem configuration differs from the document’s info assumption you have a DVMEGA radio board. You want Type to be DVMEGA, which pops up a Configure button. Clicking that, this is where you refer to the DVMEGA GMSK Manual with the title DVMEGA GMSK Shield Installation Manual. For the Port, that manual says: When Arduino is connected to a Raspberry select ACM0, Set Variant to Modem, TX and RX inversion setting depend on the type of radio you use, Set TX delay to approx. 150 ms. Then FILE -> SAVE -> click OK.

This should save the DStarRepeater config file in a place where the program itself will actually be able to use it when you boot up the Pi next time. (I have worked with some images that use specially-named config files and discovered I was editing one config file but the program was using another.)

TX/RX Inversion
Note the casual reference to TX/RX Inversion. Different radios have different inversion requirements, and those can change for different bands, meaning if you get things right, then change for example from 2 meters to 70cm, you may have to change one or both settings.

DVMEGA unfortunately does not provide a Test program similar to those available from Satoshi for his modems, or from DUTCH*Star for modems with that firmware – NAWinTEST with the RF Read and the Echo Test functions.

So you will need to use the trial and error approach until you get the TX Inversion setting correctly for your radio and band. When you do, if logged onto the Pi’s desktop, the DStarRepeater window has a scrolling log and will show when it has received a transmission from your D-Star radio. If not, flip the RX Inversion and test again. Once that works, link to the E module of any REF reflector, transmit and see if the playback keys your analog radio. If it does, but your D-Star radio does not decode, you need to experiment with both TX Inversion settings. For each one, make a long transmission, then when the E reflector plays back your transmission, carefully adjust the TX audio setting on the modem until your D-Star radio can decode.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, January 30, 2017 9:33 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Need Help
Hi Jim:
Thanks for the reply. Been trying for many days now to get this hotspot working but no luck. Ok, I double checked FT-1500 radio setting for 9600 and is good. I went through the manual again to ensure software settings are all good in both ircDDB and D-Star Repeater. I checked the file section and found the settings TX and RX Inversion settings for the Yaesu FT-1500. I tried different combinations on that setting also. I had ircDDB Gateway software connect to REF001E at start-up which it did connect ok. I transmitted the 9100 in DV mode to the set frequency of 145.6 as on the Yaesu 1500 also and Yaesu received signal. The COS LED lights up on the

Dvmega gmsk board. After brief key-down wait for echo and hear nothing. The Yaesu does not key. The transmit LED on the board does not light either. I did see a few messages in the scrolling log on D-Star Repeater software that didn't look good during and shortly after keying 9100.
* Invalid data received from Dvmega
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I'm not sure what the problem is but I might try reloading firmware again on Arduino Uno. I don't have any experience with these setups and just guessing on everything.
Todd
AL7PX _

Posted by: ic7461@... <mailto:ic7461@...>

12225. Re: [gmsk_dv_node] Need Help [1 Attachment]

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-01-31 00:30:34 UTC
From: Todd
Topic: 12221 Message: 12225
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Jim:Ok, I went through everything again as you outlined. I enclosed the log file from today on the D-Star Repeater software. It's somewhat difficult to read through but the error messages are close to the middle and end of the log file. I am going to reload the firmware in the Arduino and see if that helps.You know, the first day I got everything going the simplex Radio did key a couple of times with received signals and then quit. I could never get it to key again. Thanks for your time helping me.ToddAL7PX

On Monday, January 30, 2017 11:19 AM, "'Jim Moen' jim@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

[Attachment(s) from Jim Moen included below] Todd,

OK, those error messages imply to me that DStarRepeater is having problems talking to the Arduino firmware. This could be caused by DStarRepeaterConfig having its Modem tab not quite right, or something might be wrong with the Arduino firmware.

I assume you downloaded the firmware from the link at http://www.dvmega.auria.nl/GMSK_shield.html which is http://www.dvmega.auria.nl/Downloads.html and chose the GMSK_NODE_UNO Version 1.51 or GMSK_NODE_MEGA Version 1.51 (depending on which Arduino you are using). You probably also downloaded the Xloader program and used that to install the firmware on your Arduino.

Let me know if all that is true. If so, then I am not sure why DStarRepeater is having problems with the Arduino firmware and we'll have to dig deeper. You might include the full contents of a log found at /var/log called DStarRepeater….-yyyy-mm-dd.log.

Jim – K6JM

PS Just skim the following to be sure you have configured the Pi and the DStarRepeater program correctly, and hopefully it might also help others with a DVMEGA GMSK Modems.

You have probably double-checked everything many times, but please bear with me. Let's start with DStarRepeater and make sure when DStarRepeater is running, it is using the correct config file. Different Pi images handle this in different ways. Since you said you have tried different RX/TX Inversion settings, I know you have done the following, but I include it for people who just got their DVMEGA GMSK Modem board. In your case, skip down to DStarRepeater Config of Modem tab.

This assumes you have downloaded the DStarCommander_V2.01_dvmega.zip file and unzipped it. This file is for people with the DVMEGA RPI radio or Dualband radio board, not the GMSK Modem board . So the Commander's easy

setup tools will have to be bypassed. In the DStarCommander_V2.01_dvmega folder, inside the Docs folder, is the Manual Setup.pdf. In the BASIC SETUP part of this doc, Bob has you log onto the Debian Linux desktop running on the Pi, but the doc does not really explain how.

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DStarRepeater Config of Modem tab
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This should save the DStarRepeater config file in a place where the program itself will actually be able to use it when you boot up the Pi next time. (I have worked with some images that use specially-named config files and discovered I was editing one config file but the program was using another.)

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Note the casual reference to TX/RX Inversion. Different radios have different inversion requirements, and those can change for different bands, meaning if you get things right, then change for example from 2 meters to 70cm, you may have to change one or both settings.

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So you will need to use the trial and error approach until you get the TX Inversion setting correctly for your radio and band. When you do, if logged onto the Pi’s desktop, the DStarRepeater window has a scrolling log and will show when it has received a transmission from your D-Star radio. If not, flip the RX Inversion and test again. Once that works, link to the E module of any REF reflector, transmit and see if the playback keys your analog radio. If it does, but your D-Star radio does not decode, you need to experiment with both TX Inversion settings. For each one, make a long transmission, then when the E reflector plays back your transmission, carefully adjust the TX audio setting on the modem until your D-Star radio can decode.

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Sent: Monday, January 30, 2017 9:33 AM
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Subject: RE: [gmsk_dv_node] Need Help
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I'm not sure what the problem is but I might try reloading firmware again on Arduino Uno. I don't have any experience with these setups and just guessing on everything.
Todd
AL7PX _

Posted by: ic7461@... <mailto:ic7461@yahoo.com>

12226. DVMEGA GMSK Modem problem with G4KLX (was Need Help)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-02-02 23:37:58 UTC
From: Jim Moen
Topic: 12226 Message: 12226

Todd,

Summary – I haven't found the source of the problem, but the log reveals at least partly what's going on. I cannot see a configuration problem, so I would look to external issues. A good place to start is USB. I would try different USB connectors on the Pi, and possibly borrow another Pi and try that. I would also try a different USB cable. And if owners of the DVMEGA GMSK Modem will comment, they might be able to suggest a solution.

Jim – K6JM

Details

As you know, the G4KLX software for Hotspots consists of two programs – ircDDBGateway to manage linking and internet connections, and DStarRepeater to manage the local device, in your case the Arduino/DVMEGA GMSK Modem.

The log shows ircDDBGateway and DStarRepeater are able to talk to each other, so that part of the configuration is fine.

The log also shows DStarRepeater starting up (long log, so several startups) and generally able to connect to the Arduino's firmware, able to get the firmware version number (1.51A, which as far as I know is the latest version from DVMEGA for D-Star).

At some point, the firmware and DStarRepeater appear to get out of sync, then DStarRepeater closes the USB connection and reopens it. Sometimes it can reconnect with the Arduino, and sometimes not. But it virtually always eventually has a problem with unexpected or what it thinks of as invalid data from the Arduino DVMEGA firmware, so the system is not usable until that's solved.

Full Disclosure – I have a DVMEGA Dualband Radio board that works with an Arduino UNO (and am very happy with it), and I am familiar with loading Arduino firmware from DVMEGA, connecting it to either a Pi or a Windows pc and successfully using it with G4KLX software. But I do not yet have a DVMEGA GMSK Modem. I say "yet" because I just ordered one. Don't really need it – I have modems coming out of my ears here, but since I have recommended the DVMEGA GMSK Modem to others based on my success with the Dualband Radio board, I figured I should set up and have the modem also.

I searched the DVMEGA Forum at http://www.dv-mega.com/ and so far have not found people asking about this error, even though I am told over the air that you are not the only one with this problem. I guess it is good news their forum does not appear to report this problem.

To me, it almost looks like the firmware and DStarRepeater have a version issue, as if one expected different responses from the other. Yet you have the latest Arduino firmware, and your Pi is running DStarRepeater version 20151012, which I believe is the latest version of that program. So you would think they would work together, given people reporting their setups works fine.

I will keep researching, and I hope DVMEGA GMSK Modem users will comment on their experiences and maybe offer a solution.

When my modem arrives, I will try to get it going and report back here.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, January 30, 2017 4:31 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Need Help [1 Attachment]

[Attachment(s) from Todd included below]
Hi Jim:
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Todd
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On Monday, January 30, 2017 11:19 AM, "'Jim Moen' mailto:jim@... [gmsk_dv_node]" <mailto:gmsk_dv_node@yahoogroups.com> wrote:

[https://mg.mail.yahoo.com/neo/launch?action=showLetter&umid=2_0_0_1_1_AJ7mjkQAF+5FWI+f7AmNUCk%2FrWQ&box=Inbox&src=hp&.rand=1892929206#TopText from Jim Moen included below]
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Todd
AL7PX _

Posted by: mailto:ic7461@... <mailto:ic7461@...>

12227. Re: DVMEGA GMSK Modem problem with G4KLX (was Need Help)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-02-02 23:50:32 UTC
From: k7rex@...
Topic: 12226 Message: 12227

No solution here Jim, but to just let you know that I have exactly the same problem with my DVMEGA GMSK modem and I know of at least one other ham with the same issues. I have tried everything discussed here without success... If it will help, I will be happy to ship you my DVMEGA GMSK so that you can dig deeper and maybe find a solution there. If there are three of us with that problem, there is bond to be others....

Dan / K7REX

12228. Re: DVMEGA GMSK Modem problem with G4KLX (was Need Help)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-02-02 23:56:17 UTC
From: k7rex@...
Topic: 12226 Message: 12228

I think I just sent this reply to the wrong area (oooops), we'll try again... .

No solution here Jim, but to just let you know that I have exactly the same problem with my DVMEGA GMSK modem and I know of at least one other ham with the same issues. I have tried everything discussed here without success... If it will help, I will be happy to ship you my DVMEGA GMSK so that you can dig deeper and maybe find a solution there. If there are three of us with that problem, there is bond to be others....

Dan / K7REX

12229. Re: DVMEGA GMSK Modem problem with G4KLX (was Need Help)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-02-03 15:25:36 UTC
From: ic7461@...
Topic: 12226 Message: 12229

Hi Jim:
I was playing around with some settings last night on the D-Star Repeater software and got my receive working. I changed the "Controller setting" from "Arduino-/dev/ttyACMO" to "Serial-/dev/ttyACMO" and I can now hear REF001C reflector and all traffic. Tried transmitting with the 9100 to the reflector but no joy. The modem manual just says use ACMO if Arduino is connected to Raspberry. Does not say which one. I would have thought the Arduino was correct.
Dan K7REX might want to try this setting and confirm he also gets receive audio. Also, I see now the Arduino power LED red is not illuminated as before. Now the red LED transmit light comes on the Arduino board when audio/traffic is active. My Yaesu FT-1500 transmits right away. Not sure if this is the correct setting in the software but it does receive now.
Now, if I can get the 9100 to correctly transmit through the simplex repeater I'll be good. Tried some different settings but no good. Any ideas? Anybody?
Todd
AL7PX

12230. Re: DVMEGA GMSK Modem problem with G4KLX (was Need Help)

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-02-03 15:45:50 UTC
From: k7rex@...
Topic: 12226 Message: 12230

Hi Todd and Jim... I'll dig my DVMEGA GMSK modem out later today and give that a try and let you know what happens.... Dan / K7REX

12231. DVMEGA GMSK Modem working on transmit

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-02-03 20:22:57 UTC
From: Jim Moen
Topic: 12231 Message: 12231
Attachments: 1 described; binary payloads are missing from this source WARC

Todd,

That's why they say Hams are experimenters. Good job on that. I should have checked my config for the DVMEGA DualBand radio board. I am probably using the same setting. Sorry about that.

You say receive is working, but from the point of view of your Hotspot, you now have transmit working, that is, when a transmission comes in from the internet, the Hotspot keys your analog radio's transmitter and your D-Star radio can decode it. So you have the correct TX Inversion and TX audio level set and your Hotspot is transmitting properly.

Final step is to get it to receive your D-Star radio and forward it onto reflectors. I would check the DStarRepeater window's scrolling log or afterwards check the DStarRepeater log file to see if it heard your D-Star transmission. If not, you should reverse the RX Inversion setting and try again.

If the log shows that is working, but no one on the reflector hears you, then DPlus may have an authentication error. As you know, REF reflectors check that the Login field on DStarRepeaterConfig's DPlus tab is a registered terminal. I see at http://dstar.info/query.html that AL7PX has two terminals – one with a blank at the end and one with a C. For the Login field, I would put in just your callsign without the letter, so you don't have to count spaces to get the C in position 8.

Then when you link to a reflector, say REF001E, check the ircDDBGateway scrolling log window, or later check the log file, and see what return code was received on your link attempt. You want it to be OK, but if your Login field fails authentication, it will be RO (read only). In the latter case, it lets you link and listen, but not talk out over the reflector.

Let us know how that goes.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Friday, February 3, 2017 7:26 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: DVMEGA GMSK Modem problem with G4KLX (was Need Help)
Hi Jim:
I was playing around with some settings last night on the D-Star Repeater software and got my receive working. I changed the "Controller setting" from "Arduino-/dev/ttyACM0" to "Serial-/dev/ttyACM0" and I can now hear REF001C reflector and all traffic. Tried transmitting with the 9100 to the reflector

but no joy. The modem manual just says use ACMO if Arduino is connected to Raspberry. Does not say which one. I would have thought the Arduino was correct.
Dan K7REX might want to try this setting and confirm he also gets receive audio. Also, I see now the Arduino power LED red is not illuminated as before. Now the red LED transmit light comes on the Arduino board when audio/traffic is active. My Yaesu FT-1500 transmits right away. Not sure if this is the correct setting in the software but it does receive now.
Now, if I can get the 9100 to correctly transmit through the simplex repeater I'll be good. Tried some different settings but no good. Any ideas? Anybody?
Todd
AL7PX

12232. DVMEGA GMSK Modem - Success!

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-02-17 08:05:28 UTC
From: Jim Moen
Topic: 12232 Message: 12232
Attachments: 1 described; binary payloads are missing from this source WARC

Just received my new DVMEGA GMSK Modem shield and got it working in about 10 minutes. I was impressed.

The DVMEGA GMSK modem shield will fit on an Arduino UNO or Arduino MEGA 1280/2560. I have various other Arduinos, almost always either made by Arduino.cc or Arduino.org. But for this project, I purchased an inexpensive knockoff. It is a SunFounder Uno, available in Feb 2017 from Amazon for US $14.99. Worked right off, no problems.

Loading the Arduino firmware from DVMEGA took about 1 minute, using the Xloader program.

As usual, I first tested on Windows. This makes sure the Arudino and GMSK Modem shield work and the RX and TX Invert and RX and TX trim pots are adjusted correctly. Then when I move it to the Pi, I already know the system is working with my radio.

Plugged Arduino/DVMEGA GMSK Modem Shield into PC’s USB port. Installed DStarRepeater and ircDDBGateway on my Windows PC (Win 10 64 bit running on Intel i7). Configured both. Connected analog radio (FT817ND) to DVMEGA shield. Transmitted in and was heard first time. Transmitted again with URCall=REF014EL to link to an REF reflector’s E module to do an Echo test.

Now here is the unusual part. I transmitted again, and the echo came back, keyed the analog radio, and by chance the factory setting for the TX trim pot happened to be just right for my radio, and my 51A was able to decode first time. (Normally, this is where you have to adjust the TX trim pot to get the deviation right for the specific analog radio being used.)

So – it works great. Next up, I will move it to a Pi and configure the DStarRepeater Modem tab using the advice from Todd.

Conclusion – my success with the DVMEGA Dual Band Radio Shield for the Arduino was not accidental. The GMSK Modem Shield is also well designed, the firmware works well (so far, at least) and I am a happy camper with both products.

Jim – K6JM

PS I have used and in most cases owned the following GMSK Modems: Satoshi v7, NI2O NQSMHS, DUTCH*Star HSA, Matrix Circuits Star*Board (which I used to distribute), PAPA System/KI6ZUM GMSK Modem, MMDVM (ZUM version). Of course, I have gotten them all to work, but I have to say the DVMEGA GMSK Modem was one of the easiest to get going….

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Friday, February 3, 2017 12:23 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] DVMEGA GMSK Modem working on transmit [1 Attachment]

Todd,

That’s why they say Hams are experimenters. Good job on that. I should have checked my config for the DVMEGA DualBand radio board. I am probably using the same setting. Sorry about that.

You say receive is working, but from the point of view of your Hotspot, you now have transmit working, that is, when a transmission comes in from the internet, the Hotspot keys your analog radio’s transmitter and your D-Star radio can decode it. So you have the correct TX Inversion and TX audio level set and your Hotspot is transmitting properly.

Final step is to get it to receive your D-Star radio and forward it onto reflectors. I would check the DStarRepeater window’s scrolling log or afterwards check the DStarRepeater log file to see if it heard your D-Star transmission. If not, you should reverse the RX Inversion setting and try again.

If the log shows that is working, but no one on the reflector hears you, then DPlus may have an authentication error. As you know, REF reflectors check that the Login field on DStarRepeaterConfig’s DPlus tab is a registered terminal. I see at http://dstar.info/query.html that AL7PX has two terminals – one with a blank at the end and one with a C. For the Login field, I would put in just your callsign without the letter, so you don’t have to count spaces to get the C in position 8.

Then when you link to a reflector, say REF001E, check the ircDDBGateway scrolling log window, or later check the log file, and see what return code was received on your link attempt. You want it to be OK, but if your Login field fails authentication, it will be RO (read only). In the latter case, it lets you link and listen, but not talk out over the reflector.

Let us know how that goes.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com> [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Friday, February 3, 2017 7:26 AM
To: gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com>
Subject: [gmsk_dv_node] Re: DVMEGA GMSK Modem problem with G4KLX (was Need Help)
Hi Jim:
I was playing around with some settings last night on the D-Star Repeater software and got my receive working. I changed the "Controller setting" from
"Arduino-/dev/ttyACM0" to "Serial-/dev/ttyACM0" and I can now hear REF001C

reflector and all traffic. Tried transmitting with the 9100 to the reflector
but no joy. The modem manual just says use ACMO if Arduino is connected to Raspberry. Does not say which one. I would have thought the Arduino was correct.
Dan K7REX might want to try this setting and confirm he also gets receive audio. Also, I see now the Arduino power LED red is not illuminated as before. Now the red LED transmit light comes on the Arduino board when audio/traffic is active. My Yaesu FT-1500 transmits right away. Not sure if this is the correct setting in the software but it does receive now.
Now, if I can get the 9100 to correctly transmit through the simplex repeater I'll be good. Tried some different settings but no good. Any ideas?
Anybody?
Todd
AL7PX

Posted by: "Jim Moen" <jim@... <mailto:jim@...> >

12233. GMSK Board, with Cables

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-02-27 23:05:53 UTC
From: beischel@...
Topic: 12233 Message: 12233

I have a GMSK board with USB to computer and board to radio (Yaesu packet port) cables. It has Dutch Star firmware loaded. I think the board came from Mark McGregor as I recall, but not sure now.

I had been using it with a Yaesu Dual Band radio set to five watts. Working and guaranteed to not be DOA.

If interested, send me an offer. First reasonable offer accepted. Paypal preferred.

You can send email via my website.

Duffy
www.wb8nut.com

12234. For Sale Star *DV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-02-27 23:35:35 UTC
From: walter.skavinsky@...
Topic: 12234 Message: 12234

For sale fully functioning star *DV with microphone $$35.00 Shipped to the Continental US only.

http://www.moencomm.com/catalog/product_info.php?products_id=33
http://www.moencomm.com/catalog/product_info.php?products_id=33

73
Walt
KB3SBC

12235. Re: For Sale Star *DV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-02-27 23:56:50 UTC
From: walter.skavinsky@...
Topic: 12234 Message: 12235

I forgot to put my direct email. kb3sbc@comcast.net

Thanks
Walt

12236. Re: [gmsk_dv_node] For Sale Star *DV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-02-28 01:11:48 UTC
From: chipmckcmo@...
Topic: 12234 Message: 12236

Walt,
I will take the DV unit if you still have it.
Chip
WB0LBZ

In a message dated 2/27/2017 5:35:55 P.M. Central Standard Time,
gmsk_dv_node@yahoogroups.com writes:

For sale fully functioning star *DV with microphone $$35.00 Shipped to
the Continental US only.

http://www.moencomm.com/catalog/product_info.php?products_id=33

73
Walt
KB3SBC

12237. Re: [gmsk_dv_node] For Sale Star *DV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-02-28 01:46:01 UTC
From: Walter J. Skavinsky
Topic: 12234 Message: 12237

It's yours chip.

Walt

On Feb 27, 2017 20:11, "chipmckcmo@aol.com [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

Walt,

I will take the DV unit if you still have it.

Chip

WB0LBZ

In a message dated 2/27/2017 5:35:55 P.M. Central Standard Time, gmsk_dv_node@yahoogroups.com writes:

For sale fully functioning star *DV with microphone $$35.00 Shipped to the Continental US only.

http://www.moencomm.com/catalog/product_info.php?products_id=33

73

Walt

KB3SBC

12238. Re: [gmsk_dv_node] For Sale Star *DV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-02-28 01:48:03 UTC
From: chipmckcmo@...
Topic: 12234 Message: 12238

Excellent, Paypal OK? I can't find your email address, not sure why

In a message dated 2/27/2017 7:46:18 P.M. Central Standard Time,
gmsk_dv_node@yahoogroups.com writes:

It's yours chip.

Walt

On Feb 27, 2017 20:11, "chipmckcmo@... [gmsk_dv_node]"
<gmsk_dv_node@yahoogroups.com> wrote:

Walt,
I will take the DV unit if you still have it.
Chip
WB0LBZ

In a message dated 2/27/2017 5:35:55 P.M. Central Standard Time,
gmsk_dv_node@yahoogroups.com writes:

For sale fully functioning star *DV with microphone $$35.00 Shipped to
the Continental US only.

http://www.moencomm.com/catalog/product_info.php?products_id=33

73
Walt
KB3SBC

12239. Re: [gmsk_dv_node] For Sale Star *DV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-02-28 01:54:11 UTC
From: chipmckcmo@...
Topic: 12234 Message: 12239

I found your email, I am an sorry to keep this much traffic on the group line!

In a message dated 2/27/2017 7:46:18 P.M. Central Standard Time, gmsk_dv_node@yahoogroups.com writes:

It's yours chip.

Walt

On Feb 27, 2017 20:11, "chipmckcmo@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com> wrote:

Walt,
I will take the DV unit if you still have it.
Chip
WB0LBZ

In a message dated 2/27/2017 5:35:55 P.M. Central Standard Time, gmsk_dv_node@yahoogroups.com writes:

For sale fully functioning star *DV with microphone $$35.00 Shipped to the Continental US only.

http://www.moencomm.com/catalog/product_info.php?products_id=33

73
Walt
KB3SBC

12240. SOLD was GMSK Board, with Cables

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-02-28 16:47:53 UTC
From: beischel@...
Topic: 12233 Message: 12240

Thanks to all. Unit has been sold.

Duffy
www.wb8nut.com

12241. Re: Star*Board for sale

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-03-06 20:19:45 UTC
From: n0ql53@...
Topic: 12156 Message: 12241

Steve is this board still available?
Does it have the cables?
Thanks
Allen
NØQL

---In gmsk_dv_node@yahoogroups.com, <szingman@...> wrote :

I have a lightly used MoenComm Star*Board for sale. It is surplus to my needs. It has the firmware installed for use with G4KLX DStarrepeater. I also have the DUTCH*Star firmware license agreement.
I am asking $110 shipped via USPS Priority Mail. Payment via PayPal only.

My e-mail address is correct on qrz.com
73, Steve N4IRS

12242. Wanting To Buy A Dstar Hotspot Board..

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-03-06 20:50:39 UTC
From: n0ql53@...
Topic: 12242 Message: 12242

I'm looking for a Moencomm Star board or a dutch star mini board with cables, my hotspot got took out by lighting and I need to get something back on the air again. If you have anything available please let me know.
email: n0ql53@gmail.com
Thanks
Allen
NØQL

12244. DVMEGA & Arduino

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-03-14 21:15:39 UTC
From: iw2fut@...
Topic: 12244 Message: 12244

Hi everybody !

After installation of dvmega board on Arduino UNO the power LED on DVMEGA does not light up...
I used Xloader to send the .hex file to Arduino, and no problem was occurred.

Any suggestion?

Many thanks for any answer!

'73 de iw2fut - Fabio

12245. RE: [gmsk_dv_node] DVMEGA & Arduino

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-03-14 23:05:16 UTC
From: Jim Moen
Topic: 12244 Message: 12245

Fabio,

First, make sure the firmware is loaded correctly and DStarRepeater can access the UNO. Logging should be enabled, then start up DStarRepeater. When done, check the log: Linux -- /var/log, Windows: your home directory, usually c:/Users/<your-user-name>/.

Here is what mine looks like. You are probably running DStarRepeater on Linux, so your info will be slightly different. My test was on Windows. The main thing is to ensure DStarRepeater is able to display the firmware version, meaning it successfully accessed the UNO's firmware.

I: 2017-02-17 04:52:03: Modem type set to "DVMEGA"
I: 2017-02-17 04:52:03: DVMEGA, port: \\.\COM10, variant: 0, RX invert: 0, TX invert: 0, TX delay: 150 ms, rx frequency: 145500000 Hz, tx frequency: 145500000 Hz, power: 100 %
I: 2017-02-17 04:52:03: DVMEGA Firmware version: 1.51a, hardware: DV-MEGA R1.51A

Jim - K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, March 14, 2017 2:16 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] DVMEGA & Arduino

Hi everybody !

After installation of dvmega board on Arduino UNO the power LED on DVMEGA does not light up...
I used Xloader to send the .hex file to Arduino, and no problem was occurred.

Any suggestion?

Many thanks for any answer!

'73 de iw2fut - Fabio

12246. moen board gmsk board firmware

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-03-15 11:05:10 UTC
From: ve1dnr@...
Topic: 12246 Message: 12246

Hello, can anyone tell me what is the latest beta firmware available for moen starboard is. I presently have version DUTCH*Star HSA V0.1.00F HSFIX. I am trying to configure the board to a raspberry pi version 3 b and i am having problems with the board. The board works perfectly with condv and windv. i am trying to configure to run with Jessie-based D-Star Widget image Version B,V2 and V3 Compatible http://www.westerndstar.co.uk/Downloads/D-StarRepeater+ircDDB+Widget_Pi3.rar. I thought maybee the problem is with the firmware on the board.
thanks
mike

12247. RE: [gmsk_dv_node] moen board gmsk board firmware

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-03-15 14:36:28 UTC
From: Jim Moen
Topic: 12246 Message: 12247

WinDV and ConDV work with the version of firmware you have, but G4KLX and FREE STAR* require the next version (often referred to as Beta, though it has been stable for several years).

I'll contact you directly to get you a copy.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, March 15, 2017 4:05 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] moen board gmsk board firmware

Hello, can anyone tell me what is the latest beta firmware available for moen starboard is. I presently have version DUTCH*Star HSA V0.1.00F HSFIX. I am trying to configure the board to a raspberry pi version 3 b and i am having problems with the board. The board works perfectly with condv and windv. i am trying to configure to run with http://www.westerndstar.co.uk/Downloads/D-StarRepeater+ircDDB+Widget_Pi3.rar. I thought maybee the problem is with the firmware on the board.
thanks
mike

_____
Posted by: ve1dnr@...
_____

12248. RE: [gmsk_dv_node] DVMEGA & Arduino

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-03-15 14:58:52 UTC
From: iw2fut@...
Topic: 12244 Message: 12248

Hi Jim

I'm using Windows yust like you, so many thanks for the answer, when at home this evening i will try to follow your suggestion !

'73 de iw2fut - Fabio

12249. RE: [gmsk_dv_node] DVMEGA & Arduino

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-03-15 20:48:13 UTC
From: iw2fut@...
Topic: 12244 Message: 12249

Hi Jim

Unfortunately the DVMEGA is not visible from the software, here the log...

I: 2017-03-15 20:32:15: Modem type set to "DVMEGA"
I: 2017-03-15 20:32:15: DVMEGA, port: \\.\COM3, variant: 0, RX invert: 0, TX invert: 0, TX delay: 150 ms, frequency: 145500000 Hz
E: 2017-03-15 20:32:16: The DV-RPTR modem is not responding to the version command
E: 2017-03-15 20:32:16: Cannot open the D-Star modem
I: 2017-03-15 20:32:16: Controller set to , config: 1, PTT invert: 0, active hang time: 0 ms

I suspected the firmware is not correctly installed in Arduino UNO board, but
when i load the firmware with Xloader, the message is : 12252 bytes uploaded, without any error.

...Note that i try with 2 Arduino UNO board, and with both the system does not work...

Thanks in advance

'73 de iw2fut - Fabio

12250. MoenComm Star*Board for sale

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-03-29 17:48:50 UTC
From: szingman@...
Topic: 12250 Message: 12250

Lost communications with buyer, so...

I have a lightly used MoenComm Star*Board for sale. It is surplus to my needs. It has the firmware installed for use with G4KLX DStarrepeater. I also have the DUTCH*Star firmware license agreement.
I am asking $110 shipped via USPS Priority Mail. Payment via PayPal only.

My e-mail address is correct on qrz.com
73, Steve N4IRS

12251. IC80 works with MMDVM, ID5100 doesn't

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-03-30 10:23:38 UTC
From: G4WXN@digitography.co.uk
Topic: 12251 Message: 12251

Hello

thanks for the add to the group.

I wonder if anyone can help me with this problem.

I simply cannot get the ID5100 to resolve anything coming from the MMDVM, works fine with IC80 handheld. MMDVM drives/driven by FT7800. I read on an old posting on this forum that sometimes the output deviation just isn't enough for the ID5100.

Adjustment of trimpot makes no difference what so ever, the IC80 sounds fine the ID5100 doesn't even squeak.

I have found reference to the possibility that the output from the hotspot transceiver might be off freq, or that the modulation level may simply be too low. Any thoughts on that.

The MMDVM.ini file has 2 settings for TX level,

TXLevel

D-StarTXLevel

and I am not sure which is to be used.

Software and firmware are latest versions.

--
Derek
G4WXN
MB6BD
http://www.dstar101.com
If you see the candle as flame the meal is already cooked.

12252. Re: [gmsk_dv_node] Digest Number 1985

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-03-31 01:31:41 UTC
From: Steve Zingman
Topic: 12252 Message: 12252

If you uncomment TXLevel, then you are using one Transmit Level for all modes.
If you comment TXLevel (#TXLevel) the D-StarTXLevel will control the Transmit Level.

73, Steve n4IRS

On 03/30/2017 09:27 PM, gmsk_dv_node@yahoogroups.com wrote:
> There is 1 message in this issue.
>
> Topics in this digest:
>
> 1. IC80 works with MMDVM, ID5100 doesn't
> From: G4WXN@...
>
>
> Message
> --
> 1. IC80 works with MMDVM, ID5100 doesn't
> Posted by: "G4WXN@..." g4wxn@... g4wxn
> Date: Thu Mar 30, 2017 3:23 am ((PDT))
>
> Hello
>
> thanks for the add to the group.
>
> I wonder if anyone can help me with this problem.
>
> I simply cannot get the ID5100 to resolve anything coming from the
> MMDVM, works fine with IC80 handheld. MMDVM drives/driven by FT7800. I
> read on an old posting on this forum that sometimes the output deviation
> just isn't enough for the ID5100.
>
> Adjustment of trimpot makes no difference what so ever, the IC80 sounds
> fine the ID5100 doesn't even squeak.
>
> I have found reference to the possibility that the output from the
> hotspot transceiver might be off freq, or that the modulation level may
> simply be too low. Any thoughts on that.
>
> The MMDVM.ini file has 2 settings for TX level,
>
> TXLevel
>
> D-StarTXLevel

>
> and I am not sure which is to be used.
>
> Software and firmware are latest versions.
>

12253. IC80 works with MMDVM, ID5100 doesn't

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-03-31 01:47:29 UTC
From: Steve Zingman
Topic: 12251 Message: 12253

If you uncomment TXLevel, then you are using one Transmit Level for all
modes.
If you comment TXLevel (#TXLevel) the D-StarTXLevel will control the
Transmit Level.

73, Steve N4IRS

On 03/30/2017 09:27 PM, gmsk_dv_node@yahoogroups.com wrote:
> There is 1 message in this issue.
>
> Topics in this digest:
>
> 1. IC80 works with MMDVM, ID5100 doesn't
> From: G4WXN@...
>
>
> Message
> --
> 1. IC80 works with MMDVM, ID5100 doesn't
> Posted by: "G4WXN@..." g4wxn@... g4wxn
> Date: Thu Mar 30, 2017 3:23 am ((PDT))
>
> Hello
>
> thanks for the add to the group.
>
> I wonder if anyone can help me with this problem.
>
> I simply cannot get the ID5100 to resolve anything coming from the
> MMDVM, works fine with IC80 handheld. MMDVM drives/driven by FT7800. I
> read on an old posting on this forum that sometimes the output deviation
> just isn't enough for the ID5100.
>
> Adjustment of trimpot makes no difference what so ever, the IC80 sounds
> fine the ID5100 doesn't even squeak.
>
> I have found reference to the possibility that the output from the
> hotspot transceiver might be off freq, or that the modulation level may
> simply be too low. Any thoughts on that.
>
> The MMDVM.ini file has 2 settings for TX level,
>
> TXLevel
>
> D-StarTXLevel

>
> and I am not sure which is to be used.
>
> Software and firmware are latest versions.
>

12254. For Sale MMDVM with Arduino Due

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-03-31 08:48:59 UTC
From: G4WXN@digitography.co.uk
Topic: 12252 Message: 12254
Attachments: 1 described; binary payloads are missing from this source WARC

For Sale MMDVM with Arduino Due.

Build a DStar, DMR, or Fusion hotspot or repeater.

I want around 80GBP postage to the UK free, outside the UK I can find a
price if interested.

--
Derek
G4WXN
MB6BD
http://www.dstar101.com
If you see the candle as flame the meal is already cooked.

On Thu, 2017-03-30 at 21:31 -0400, Steve Zingman szingman@...
[gmsk_dv_node] wrote:

> If you uncomment TXLevel, then you are using one Transmit Level for all
> modes.
> If you comment TXLevel (#TXLevel) the D-StarTXLevel will control the
> Transmit Level.
>
> 73, Steve n4IRS
>
> On 03/30/2017 09:27 PM, gmsk_dv_node@yahoogroups.com wrote:
> > There is 1 message in this issue.
> >
> > Topics in this digest:
> >
> > 1. IC80 works with MMDVM, ID5100 doesn't
> > From: G4WXN@...
> >
> >
> > Message
> > ____
> > 1. IC80 works with MMDVM, ID5100 doesn't
> > Posted by: "G4WXN@..." g4wxn@... g4wxn
> > Date: Thu Mar 30, 2017 3:23 am ((PDT))
> >
> > Hello
> >
> > thanks for the add to the group.
> >
> > I wonder if anyone can help me with this problem.
> >

> > I simply cannot get the ID5100 to resolve anything coming from the
> > MMDVM, works fine with IC80 handheld. MMDVM drives/driven by FT7800. I
> > read on an old posting on this forum that sometimes the output deviation
> > just isn't enough for the ID5100.
> >
> > Adjustment of trimpot makes no difference what so ever, the IC80 sounds
> > fine the ID5100 doesn't even squeak.
> >
> > I have found reference to the possibility that the output from the
> > hotspot transceiver might be off freq, or that the modulation level may
> > simply be too low. Any thoughts on that.
> >
> > The MMDVM.ini file has 2 settings for TX level,
> >
> > TXLevel
> >
> > D-StarTXLevel
> >
> > and I am not sure which is to be used.
> >
> > Software and firmware are latest versions.
> >
>
>
>
> ------------------------------------
>
> ------------------------------------
>
> Questions? Check out our Frequently Asked Questions: http://www.gmskdvnode.info/
> ------------------------------------
>
> Yahoo Groups Links
>
>
>

12255. Looking for DVRPTR board

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-04-07 15:51:54 UTC
From: g4wxn@...
Topic: 12255 Message: 12255

Looking for DVRPTR board

Anyone got a DVRPTR board they would like to sell?

Contact me via email

g4wxn@digitography.co.uk

Thanks

12256. Friendcom FC-301 Programming for node

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-05-03 04:25:32 UTC
From: electricity440@...
Topic: 12256 Message: 12256
Attachments: 1 described; binary payloads are missing from this source WARC

Hi everyone,

I am in a hurry finishing a GMSK hotspot node using the Friendcom FC-301 transceiver. I saw there were some posts on this group about the radio, so I just joined it to see if anybody could help?

I installed the programming software, and got an FTDI USB to TTL serial adaptor, and opened the software (the only software I could find is at this link : kd0whb.duckdns.org/FC301D-UHF.zip)

I have had no luck on getting the darn thing to program correctly. I will enter the frequency in and then try to read it, and the frequency is completely incorrect (Like 0.0125MHz).

I only have access to software version 1.0, so if anybody else has experience with this radio, and possibly a newer piece of software to give a shot, that would be great. I really want this node to work on the correct frequency for the event with our radio club.

The attached image is what came out when I entered some common UHF frequencies (think 440.0 for the ones that are 0.0125 MHz), and this is a 400-470MHz radio.

73
Skyler KD0WHB

12257. Re: [gmsk_dv_node] Friendcom FC-301 Programming for node [1 Attachment]

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-05-03 05:10:13 UTC
From: Skyler F
Topic: 12256 Message: 12257

Nevermind, I found the software from the Dutch Dstar website when I made an account, and seems like the newer version on the website is working :)
Ignore previous message.

On Tue, May 2, 2017 at 10:25 PM, electricity440@gmail.com [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

>
> [Attachment(s) <#m_-6383574059241265915_TopText> from
> electricity440@... [gmsk_dv_node] included below]
>
> Hi everyone,
>
> I am in a hurry finishing a GMSK hotspot node using the Friendcom FC-301
> transceiver. I saw there were some posts on this group about the radio, so
> I just joined it to see if anybody could help?
>
> I installed the programming software, and got an FTDI USB to TTL serial
> adaptor, and opened the software (the only software I could find is at this
> link : kd0whb.duckdns.org/FC301D-UHF.zip)
>
> I have had no luck on getting the darn thing to program correctly. I will
> enter the frequency in and then try to read it, and the frequency is
> completely incorrect (Like 0.0125MHz).
>
> I only have access to software version 1.0, so if anybody else has
> experience with this radio, and possibly a newer piece of software to give
> a shot, that would be great. I really want this node to work on the correct
> frequency for the event with our radio club.
>
> The attached image is what came out when I entered some common UHF
> frequencies (think 440.0 for the ones that are 0.0125 MHz), and this is a
> 400-470MHz radio.
>
> 73
> Skyler KD0WHB
>
>
>

--
Skyler Fennell
amsatnet.info
KDØWHB

electricity440@...

12258. Dayton Hamvention 2017 -- D-Star & related topics?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-05-05 04:06:56 UTC
From: Jim Moen
Topic: 12258 Message: 12258

Have plane/hotel/car/Hamvention tickets and just starting to do planning.

Anyone know of activities, both at the Hamvention or off-site related to D-Star, Digital Voice, Multi-mode and cross-mode?

Jim – K6JM

12259. Re: [gmsk_dv_node] Dayton Hamvention 2017 -- D-Star & related topics?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-05-05 20:23:05 UTC
From: Tim Hays
Topic: 12258 Message: 12259

Goto dstarinfo.com and they have a meeting Friday evening at the Drury Inn
in Dayton. All of the information is on the dstarinfo.com website.
Hope this helps.

73's
Tim Hays
KG9NA

On Fri, May 5, 2017 at 12:06 AM, 'Jim Moen' jmm@... [gmsk_dv_node] <
gmsk_dv_node@yahoogroups.com> wrote:

>
>
> Have plane/hotel/car/Hamvention tickets and just starting to do planning.
>
> Anyone know of activities, both at the Hamvention or off-site related to
> D-Star, Digital Voice, Multi-mode and cross-mode?
>
> Jim – K6JM
>
>
>

12260. Re: [gmsk_dv_node] Dayton Hamvention 2017 -- D-Star & related topics?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-05-06 03:24:18 UTC
From: Tony Ross
Topic: 12258 Message: 12260

On 05/04/2017 09:06 PM, 'Jim Moen' jmm@... [gmsk_dv_node] wrote:

> Have plane/hotel/car/Hamvention tickets and just starting to do planning.

"Fresh" seafood is usually a carry-on item. ?=B^)

12261. Dayton Hamvention 2017 -- D-Star & related topics

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-05-08 04:11:36 UTC
From: Jim Moen
Topic: 12261 Message: 12261
Attachments: 1 described; binary payloads are missing from this source WARC

Tim,

Thanks for the post. Yes, I have enjoyed the ICOM/Georgia D-Star evening at the Drury Inn for many years now, and had a chance to speak there several times. Thanks for pointing me to Ed's D-STAR Activities at Dayton page at http://dstarinfo.com/d-star-infocon--dayton-hamvention-2017.aspx I see Robin is hosting the D-STAR Forum again this year on Friday, with John Hays of NW Digital Radio, and they will talk about new devices and new software and, as they say, more.

I will continue looking for presentations and booths that include Multi-mode capabilities as well as other DV modes. Guus of DVMEGA will have a booth. He has firmware for his DVMEGA radio boards that is supported by the G4KLX MMDVMHost software, allowing assembling a D-Star/DMR/C4FM/P25 accesspoint (kind of a multi-mode "DVAP"-like device). Bruce Givens of http://mmdvm.blogspot.com/ and https://www.facebook.com/MMDVM/ wrote me that he won't be at Dayton this year. Wireless Holdings with their DV4 product lines with multi-mode capabilities will be there again this year.

I will definitely stop by the Thursday evening Meet & Greet at Marion's Pizza and hope to see a lot of D-Star fans there. And I see there will be a DMR Dinner Saturday evening at City BBQ. So there will plenty to learn about in the D-Star and other DV modes areas.

Here is a grab of Ed's D-Star Activities page that Tim mentioned in his post:

D-STAR Activities at Dayton
Thursday, May 18, 7-9 PM - Pre-Hamvention Meet, Greet, and Eyeball QSO (Confirmed)
Marion's Piazza
1320 N Fairfield Rd
Beavercreek OH 45432

Friday, May 19, 12:00-1:00 PM - D-STAR Forum
Forum Room 1
Dayton Hamvention

Friday, May 19, 6:30-8:30 PM – D-STAR Friday Evening Gathering
Drury Inn Ballroom
6616 Miller Lane
Dayton OH

Dayton D-STAR Repeaters
W8RTL C 147.1050+
W8RTL B 443.0500+

W8HEQ C 145.2700-
W8HEQ B 444.0875+

Dayton D-STAR Reflectors
The Dayton gateway will be linked to XRF038C
REF038C will also be available for the weekend

Dayton D-STAR Simplex
DARA suggests using 446.1000 Digital Code Squelch CSQL use #13 as a D-Star simplex frequency at Hamvention® Don’t forget to update your repeater list before you start your journey!

D-STAR Affiliated Vendors at Dayton Hamvention
Icom – Booths 2508-2509, 2608-2610, 2708-2709, 6001
DVMEGA – 6704
NW Digital Radio – 1105
RT Systems – 3805-3806
Bridgecom Systems, Inc - 1103-1104
Wireless Holdings – 6211

… Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Friday, May 5, 2017 1:23 PM
To: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Dayton Hamvention 2017 -- D-Star & related topics?

Goto dstarinfo.com <http://dstarinfo.com> and they have a meeting Friday evening at the Drury Inn in Dayton. All of the information is on the dstarinfo.com <http://dstarinfo.com> website.
Hope this helps.

73's
Tim Hays
KG9NA

On Fri, May 5, 2017 at 12:06 AM, 'Jim Moen' jmm@...m <mailto:jmm@...> [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com <mailto:gmsk_dv_node@yahoogroups.com> > wrote:
Have plane/hotel/car/Hamvention tickets and just starting to do planning.

Anyone know of activities, both at the Hamvention or off-site related to D-Star, Digital Voice, Multi-mode and cross-mode?

Jim – K6JM

Posted by: Tim Hays <kg9na7@...m>

12262. GMSK with Sunrise Elec SR_FRS_2WU ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-05-09 10:27:21 UTC
From: pbepler@...
Topic: 12262 Message: 12262

Hi all,

In my search for a suitable module to build a 4.8 GMSK satellite uplink i came across the Sunrise Elec modules suggested in this thread:
https://beta.groups.yahoo.com/neo/groups/gmsk_dv_node/conversations/topics/11883
https://beta.groups.yahoo.com/neo/groups/gmsk_dv_node/conversations/topics/11883
So i'm curious if anyone has Experience in using any of their modules,
especially the SR_FRS_2WU for GMSK
as all the the "data sheet" i was able to find on these modules is fairly slim i'd be glad to hear about any tests or experiences.

vy73 de Philipp, DJ4MU

12263. GMSK Modem and Motorola Rig for DSTAR Hot Spot?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-05-12 17:02:53 UTC
From: ab4wsnews@...
Topic: 12263 Message: 12263

My Yaesu FT-8800 which I was using with GMSK Modem and Raspberry Pi as a DSTAR Hot Spot, died. With Dayton coming up I am looking for a replacement rig and was thinking I really don't need a dual band rig, but cannot find any amateur 440 Rigs with a 9600 baud Packet port.

Someone mentioned that perhaps I could use one of the surplus Commercial Motorola CMD`1250 UHF Rigs for the hotspot, and those will probably be in good supply in the fea market at Dayton.

Anybody ever use a Motorola Commercial Rig with the GMSK Modem board, Raspberry Pi, for a DSTAR Hotspot? If so I would sure be interested in your experiences, Ideas, recipe, how you did it, etc!

Thanks, and 73 de AB4WS,
Jack
ab4ws@arrl.net

12264. Re: GMSK Modem and Motorola Rig for DSTAR Hot Spot?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-05-13 09:14:51 UTC
From: m1dns.gb3hb@...
Topic: 12263 Message: 12264

Along with the 1250, you have GM340, 350, 360. Tait T2000 series TM81?? series. Pye /philips/simoco SRM 90?? PRM80?? series.

All have been known to work for DStar hotpot / H/B repeater radios.

A.

My Yaesu FT-8800 which I was using with GMSK Modem and Raspberry Pi as a DSTAR Hot Spot, died. With Dayton coming up I am looking for a replacement rig and was thinking I really don't need a dual band rig, but cannot find any amateur 440 Rigs with a 9600 baud Packet port.

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Anybody ever use a Motorola Commercial Rig with the GMSK Modem board, Raspberry Pi, for a DSTAR Hotspot? If so I would sure be interested in your experiences, Ideas, recipe, how you did it, etc!

Thanks, and 73 de AB4WS,

12265. Re: [gmsk_dv_node] Re: GMSK Modem and Motorola Rig for DSTAR Hot Spot?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-05-13 12:37:58 UTC
From: David Mette
Topic: 12263 Message: 12265

WE have used Maxtrac,, GM 300 and now have a Mastr ll running very well

From: "m1dns.gb3hb@... [gmsk_dv_node]" <gmsk_dv_node@yahoogroups.com>
To: gmsk_dv_node@yahoogroups.com
Sent: Saturday, May 13, 2017 5:14 AM
Subject: [gmsk_dv_node] Re: GMSK Modem and Motorola Rig for DSTAR Hot Spot?

  Along with the 1250, you have GM340, 350, 360. Tait T2000 series TM81?? series. Pye /philips/simoco SRM 90?? PRM80?? series.

All have been known to work for DStar hotpot / H/B repeater radios.

A.

My Yaesu FT-8800 which I was using with GMSK Modem and Raspberry Pi as a DSTAR Hot Spot, died. With Dayton coming up I am looking for a replacement rig and was thinking I really don't need a dual band rig, but cannot find any amateur 440 Rigs with a 9600 baud Packet port.

Someone mentioned that perhaps I could use one of the surplus Commercial Motorola CMD`1250 UHF Rigs for the hotspot, and those will probably be in good supply in the fea market at Dayton.

Anybody ever use a Motorola Commercial Rig with the GMSK Modem board, Raspberry Pi, for a DSTAR Hotspot? If so I would sure be interested in your experiences, Ideas, recipe, how you did it, etc!

Thanks, and 73 de AB4WS,

12266. Dayton 2017 Activities

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-05-13 20:46:28 UTC
From: Woodrick, Ed
Topic: 12266 Message: 12266

Dayton 2017 Activities
It's time to start the pilgrimages to the Dayton Hamvention(r). There's several D-STAR activities going on. Hope to see you there. Here's a summary of what you'll see.
Ed WA4YIH
www.DSTARInfo.com
Dayton Hamvention(r)

120 Fairground Road, Xenia 45385

Coordinates are 39.7021N - 83.9420W

GPS will not necessarily show the correct directions after entering Xenia. It may take you through closed gates.

The Hamvention is recommending using off-site parking

Talk In
For directions and assistance in the Dayton Area during your visit to Hamvention(r), contact "Talk-In" on the DARA Repeater 146.940-, alternate 146.985- 123.0 PL. The talk in crew will have up to date information on traffic conditions and parking and will be able to provide re-routing directions if needed. Talk In will be on the air starting at 7 a.m. on Thursday and Sunday and at 5 a.m. on Friday and Saturday. Be sure to listen.
D-STAR Activities at Dayton
Thursday, May 18, 7-9 PM - Pre-Hamvention Meet, Greet, and Eyeball QSO
Marion's Piazza
1320 N Fairfield Rd
Beavercreek OH 45432
Friday, May 19, 12:00-1:00 PM - D-STAR Forum
Forum Room 1
Dayton Hamvention
Friday, May 19, 6:30-8:30 PM - D-STAR Friday Evening Gathering - D-STAR Updates
Drury Inn Ballroom
6616 Miller Lane
Dayton OH
Dayton D-STAR Repeaters

Call Sign

Frequency

Reflector

Location

W8RTL C

147.105+

REF030C

Dayton

W8RTL B

443.050+

XRF038C

Dayton

W8HEQ C

145.270-

Dayton

W8HEQ B

444.0875+

XRF038C

Dayton

KE8AQQB

443.150+

Lebanon

W8GO C

145.160-

Wilmington

W8GO B

442.150+

Wilmington

W8RNL C

145.150-

Hamilton

W8RNL B

442.625+

Hamilton

K8BIG C

145.350-

Cincinnati

Dayton D-STAR Simplex
DARA suggests using 446.1000 Digital Code Squelch CSQL use #13 as a D-Star simplex frequency at Hamvention(r)
Don't forget to update your repeater list before you start your journey!
D-STAR Affiliated Vendors at Dayton Hamvention(r)

Vendor

Booths

Icom<http://www.icomamerica.com/en/>

2508-2509, 2608-2610, 2708-2709, 6001

Kenwood<http://www.kenwood.com/usa/com/amateur/>

1407-1411, 1507-1511

DVMEGA<http://www.dvmega.auria.nl/>

6704

NW Digital Radio<http://nwdigitalradio.com/>

1105

RT Systems<http://www.rtsystemsinc.com/>

3805-3806

Bridgecom Systems, Inc<https://www.bridgecomsystems.com/>

1103-1104

Wireless Holdings<http://wirelesshold.com/>

6211

If there are any corrections or additions, please drop us a note at info@...m

12267. RE: [gmsk_dv_node] GMSK with Sunrise Elec SR_FRS_2WU ?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-05-23 08:47:24 UTC
From: Jim Moen
Topic: 12262 Message: 12267

Philipp,

Sorry, not familiar with that radio. As you know, the key is finding how to get flat (unfiltered) RX audio directly from the receiver’s discriminator, and how to inject the TX audio directly to the modulator, again without filtering. Often that is possible with configuration or jumpers, or if you can find the schematic, with simple mods to the radio. The key is to bypass any filtering that might remove the very low audio frequencies used by GMSK modulation.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, May 9, 2017 3:27 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] GMSK with Sunrise Elec SR_FRS_2WU ?

Hi all,

In my search for a suitable module to build a 4.8 GMSK satellite uplink i came across the Sunrise Elec modules suggested in this thread:
https://beta.groups.yahoo.com/neo/groups/gmsk_dv_node/conversations/topics/11883

So i'm curious if anyone has Experience in using any of their modules, especially the SR_FRS_2WU for GMSK
as all the the "data sheet" i was able to find on these modules is fairly slim i'd be glad to hear about any tests or experiences.

vy73 de Philipp, DJ4MU

Posted by: pbepler@...

12268. Dayton Hamvention 2017 notes on D-Star and DV

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-05-23 09:13:46 UTC
From: Jim Moen
Topic: 12268 Message: 12268

The new Hamvention location in Xenia south of Dayton came off extremely well, especially considering the Dayton Amateur Radio Association had only 9 months to find a new location and organize this event. They used 650 volunteers and it really was done well. While traffic was a small issue the first day, they solved that overnight. The food was better, the venue was less cramped even with the huge turnout, and overall, the new location was a success.

The key D-Star oriented events included the Thursday evening D-Star Meet and Greet at Marion's Pizza, the Friday D-Star Forum moderated by Robin AA4RC, and the D-Star evening at the Drury Inn hosted by ICOM and HRO.

My notes and comments can be found at
http://www.k6jm.com/wp/dayton-2017-d-star-and-digital-voice/

Key takeaways - Multi mode hardware and software were the big story this year. In addition, Robin AA4RC of Internet Labs announced the release of DPlus 3.0 that includes "Fast Sync" that removes dependence on syncing with the Trust server to periodically load all terminal info.

In addition, Robin talked about their new DV Air line of tiny computers that can replace what we are doing with Raspberry Pi's for people who don't like to homebrew, experiment or tinker.

NW Digital Radio announced their upcoming 1WattSpot, like a DVAP but with 1 watt of power. Think users who want more coverage in their neighborhood, or truck drivers who want to hit their mobile accesspoint from the restaurant or beyond.

DVMEGA announced their new line of myDV products, with emphasis on a very reasonably-priced myDV Cast internet radio with built-in AMBE chip.

The DV4 Team announced an enhancement to their free Control Center for DV4mini users that allows dynamic creation of "rooms" that will allow up to 6 DV4mini users to connect. Each user can use any supported mode, such as D-Star, DMR, Fusion, P25 etc. and the room will do the transcoding.

While the MMDVM multi-mode modem and software work by Jonathan G4KLX, Jim KI6ZUM, Bruce VE2GZI and others were not present at Dayton this year, their influence on multi-mode progress was evident. Plus, Jonathan posted a very interesting note on the MMDVM Yahoo Group entitled "Project Unification" where he talks about his new project called DMR Gateway, which will bring to DMR the same user control over linking for DMR users that D-Star users have enjoyed for years. His new software will leverage the work by the XLX Reflector team. Note that both G4KLX and XLX software are open source.

So this has been an exciting week for digital voice enthusiasts. Now truly is the "Golden Age of DV"!

Jim - K6JM

12269. Video of D-Star Forum at Dayton 2017

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-05-24 16:26:17 UTC
From: Jim Moen
Topic: 12269 Message: 12269

Check out http://www.ustream.tv/recorded/103449568

For those of you interested in the DPlus 3.0 announcement, this topic starts at about 48:30. Robin said this would start rolling out "next week", though I have not yet seen any announcements. After his talk, I asked Robin if the new version of DPlus would affect client code that links to DPlus reflectors, such as his own DVTool and DVAPTool programs, or DVAR Hotspot, G4KLX ircDDBGateway, etc. Robin said those should not be affected.

For those of us who have suffered through DPlus reflector disconnects caused by the reflector code pausing to resync all terminal info with the Trust Server (and during which time keep-alive messages were not being responded to, causing the disconnects, sometimes every half hour), that should no longer be a problem.

As Robin says in the video, DPlus code will no longer be dependent on getting gateway IP addresses from this resync process, which had to read in all the terminal info, which list is way larger than just the list of basic registered callsigns. But removing this dependence on the Trust Server does not remove the registration requirement. He will just find out if a callsign trying to link to or talk through an REF reflector is registered in another way that will speed up the overall operation of DPlus reflectors.

Jim - K6JM

12270. WinDV - Gateway shows 2 lines for each REF reflector

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-05-24 17:49:01 UTC
From: Jim Moen
Topic: 12270 Message: 12270

A WinDV user contacted me that the Gateway function drop-down list of REF reflectors now shows two of each one.

I am guessing that as part of the DPlus 3.0 upgrade, the Callsign Server is now listing that stuff and for users with all the REF reflectors in the dphosts.txt file, each reflector is now listed twice.

It appears the fix is to remove the REF reflectors from dphosts.txt, or just rename or delete that file. On later versions of Windows, go to c:/Program Files (X86)/MicroWalt Corporation/WinDV and make the change to dphosts.txt.

Jim - K6JM

12271. HELP!

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-05-28 00:54:56 UTC
From: ab4wsnews@...
Topic: 12271 Message: 12271

Looking for some HELP!!!

Trying to get a DSTAR HOT SPOT up and running!

Have a Motorola CMD 1250, connected to an Argent Mini DIN Adapter to a Moen GMSK Modem Board, to a Raspberry Pi running DSTAR Commander.

(GMSK Modem Board and Pi previously used in HOTSPOT successfully using a Yaesu FT-8800 which died. Now replaced by Motorola CMD-1250)

Everything seems to be working well, except the digital signal cannot be decoded by any of my DSTAR Radios, (ID92, ID-51, Kenwood TH-D74) It seems to be working correctly. When in FM mode hear the digital signal, but not decoded. I have spent considerable time adjusting the pot on the GMSK modem board and the Mini DIN all to no change or success.

Any ideas, suggestions, comments, constructive criticism, are all appreciated!

73 de AB4WS
Jack

AB4WS@arrl.net

12272. Re: [gmsk_dv_node] HELP!

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-05-28 01:44:17 UTC
From: David Webb
Topic: 12271 Message: 12272
Attachments: 1 described; binary payloads are missing from this source WARC

There's a mod that needs to be done to that adapter. See attached PDF.

Dave-KB1PVH

On Sat, 5/27/17, ab4wsnews@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

Subject: [gmsk_dv_node] HELP!
To: gmsk_dv_node@yahoogroups.com
Date: Saturday, May 27, 2017, 8:54 PM

Looking for some
HELP!!!
Trying to get a DSTAR HOT SPOT up
and running!
Have a Motorola CMD 1250, connected
to an Argent Mini DIN Adapter to a Moen GMSK Modem Board, to
a Raspberry Pi running DSTAR Commander.
(GMSK Modem Board and Pi previously
used in HOTSPOT successfully using a Yaesu FT-8800 which
died. Now replaced by Motorola CMD-1250)
Everything seems to be working well,
except the digital signal cannot be decoded by any of my
DSTAR Radios, (ID92, ID-51, Kenwood TH-D74) It seems to be
working correctly. When in FM mode hear the digital signal,
but not decoded. I have spent considerable time adjusting
the pot on the GMSK modem board and the Mini DIN all to no
change or success.
Any ideas, suggestions, comments,
constructive criticism, are all appreciated!
73 de AB4WSJack

12273. Re: HELP!

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-05-28 01:43:18 UTC
From: rlnou812@...
Topic: 12271 Message: 12273

Did you program the 1250 for flat tx audio in CPS/RSS?

12274. Re: HELP!

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-05-28 08:19:38 UTC
From: m1dns.gb3hb@...
Topic: 12271 Message: 12274

Open dstarrepeater config and invert tx Audio.

A.

Everything seems to be working well, except the digital signal cannot be decoded by any of my DSTAR Radios, (ID92, ID-51, Kenwood TH-D74) It seems to be working correctly. When in FM mode hear the digital signal, but not decoded. I have spent considerable time adjusting the pot on the GMSK modem board and the Mini DIN all to no change or success.

Any ideas, suggestions, comments, constructive criticism, are all appreciated!

73 de AB4WS
Jack

12275. Correction - WinDV problem NOT caused by DPlus 3.0

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-05-30 04:24:45 UTC
From: Jim Moen
Topic: 12275 Message: 12275

My original note was totally wrong in assuming the WinDV double-listing REF reflectors was caused by DPlus 3.0. It has not been rolled out yet, so could not be the source of the problem.

I did do a brief test on one of my computers where WinDV is installed, and updating the dphosts.txt file to not have REF reflectors listed there did fix the problem. But the source of the problem was obviously something else, probably another callsign server changing what it returns for active DPlus gateways.

I have always thought of DPlus as the ☐killer app☐ in D-Star that was the real reason D-Star become so successful (and engendered several copycats), so I☐m sorry to have made a misleading statement about it here.

Jim ☐ K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Wednesday, May 24, 2017 10:49 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] WinDV - Gateway shows 2 lines for each REF reflector
A WinDV user contacted me that the Gateway function drop-down list of REF reflectors now shows two of each one.

I am guessing that as part of the DPlus 3.0 upgrade, the Callsign Server is now listing that stuff and for users with all the REF reflectors in the dphosts.txt file, each reflector is now listed twice.

It appears the fix is to remove the REF reflectors from dphosts.txt, or just rename or delete that file. On later versions of Windows, go to c:/Program Files (X86)/MicroWalt Corporation/WinDV and make the change to dphosts.txt.

Jim - K6JM

12276. ARRL/TAPR DCC Announced, St. Louis, MO, September 15 - 17, 2017

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-05-31 01:34:42 UTC
From: Mark Thompson
Topic: 12276 Message: 12276
Attachments: 2 described; binary payloads are missing from this source WARC

2017 ARRL/TAPR DCC
(Digital Communications Conference)
Announced

Saint Louis, MO
September 15 - 17, 2017

Holiday Inn Airport West, Earth City, MO

More Information at: http://www.tapr.org/dcc

12277. DVMEGA-based multi-mode Access Point

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-06-06 20:41:52 UTC
From: Jim Moen
Topic: 12277 Message: 12277

At Dayton, I bought the components and put together a very nice multi-mode Access Point. It is tiny, uses very little power, works GREAT on D-Star and the other major DV modes, and the BlueDV software is really easy to use.

I wrote up an overview on my Blog -- see

<http://redirect.viglink.com/?key=bbb516d91daee20498798694a42dd559&u=http%3A//www.k6jm.com/wp/multi-mode-dvmega-access-point/>
www.k6jm.com/wp/multi-mode-dvmega-access-point/

Any comments will be welcome.

Jim - K6JM

Note1: The DVMEGA/BlueStack hardware also works with G4KLX MMDVMHost software, but for this post, I only wrote about the BlueDV software.

Note2: For those wanting to build a multi-mode higher-powered Hotspot, check out the MMDVM project and the KI6ZUM version of the MMDVM modem. They use G4KLX MMDVMHost and associated software including ircDDBGateway and DMRGateway. See https://www.facebook.com/MMDVM/ and http://mmdvm.blogspot.com/ They are also now selling a low power access point board (ZUMspot).

Note3: I know this is a D-Star modem group, but keep in mind, all the multi-mode stuff does D-Star very well too. You can use it just for D-Star if you want.

12278. DWatcher DSTAR/DXCluster Monitor program posted

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-06-15 20:07:38 UTC
From: ab4ej_2@...
Topic: 12278 Message: 12278

I have written a program (freeware) that runs in MS Windows (versions 7,8,10) which lets you monitor up to 6 callsigns. If & when a call shows up on DSTAR or is spotted in DXCluster network, it will display where & when the call was heard. You can even get an email (or text message) when this happens. See QRZ.com article about this here.

-73- Bill, AB4EJ

12279. RE: [gmsk_dv_node] DWatcher DSTAR/DXCluster Monitor program posted

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-06-15 23:07:10 UTC
From: Jim Moen
Topic: 12278 Message: 12279

Bill,

Thanks for posting. Very nice app.

dstarusers.org tracks DPlus (REF) linking activity. Have you considered also monitoring DExtra and DCS linking activity, or at least ircDDB?

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, June 15, 2017 1:08 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] DWatcher DSTAR/DXCluster Monitor program posted

I have written a program (freeware) that runs in MS Windows (versions 7,8,10) which lets you monitor up to 6 callsigns. If & when a call shows up on DSTAR or is spotted in DXCluster network, it will display where & when the call was heard. You can even get an email (or text message) when this happens. See QRZ.com https://forums.qrz.com/index.php?threads/dwatcher-monitor-program-for-dstar-and-dxcluster-posted.569829/.

-73- Bill, AB4EJ

Posted by: ab4ej_2@...

12280. RE: [gmsk_dv_node] DWatcher DSTAR/DXCluster Monitor program posted

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-06-16 04:30:46 UTC
From: Bill Engelke
Topic: 12278 Message: 12280
Attachments: 3 described; binary payloads are missing from this source WARC

Jim, I am not aware of these other data sources you mention (DExtra, DCS, ircDDB) – if you can offer some guidance or point me to online docs about these, I can look in to adding these. There was also a suggestion to add monitoring of DMR usage, which looks like it might be feasible. -73- Bill, AB4EJ

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, June 15, 2017 6:07 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] DWatcher DSTAR/DXCluster Monitor program posted

Bill,

Thanks for posting. Very nice app.

dstarusers.org tracks DPlus (REF) linking activity. Have you considered also monitoring DExtra and DCS linking activity, or at least ircDDB?

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, June 15, 2017 1:08 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] DWatcher DSTAR/DXCluster Monitor program posted

I have written a program (freeware) that runs in MS Windows (versions 7,8,10) which lets you monitor up to 6 callsigns. If & when a call shows up on DSTAR or is spotted in DXCluster network, it will display where & when the call was heard. You can even get an email (or text message) when this happens. See QRZ.com https://forums.qrz.com/index.php?threads/dwatcher-monitor-program-for-dstar-and-dxcluster-posted.569829/.

-73- Bill, AB4EJ

Posted by: ab4ej_2@...

12281. RE: [gmsk_dv_node] HELP!

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-06-17 17:52:19 UTC
From: Bill Engelke
Topic: 12271 Message: 12281
Attachments: 3 described; binary payloads are missing from this source WARC

I had this problem – turned out my transceiver was at a slightly different frequency than my DSTAR rig. It was not a DSTAR problem but just a good old radio calibration issue. Just something else to check.

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, May 27, 2017 7:55 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] HELP!

Looking for some HELP!!!

Trying to get a DSTAR HOT SPOT up and running!

Have a Motorola CMD 1250, connected to an Argent Mini DIN Adapter to a Moen GMSK Modem Board, to a Raspberry Pi running DSTAR Commander.

(GMSK Modem Board and Pi previously used in HOTSPOT successfully using a Yaesu FT-8800 which died. Now replaced by Motorola CMD-1250)

Everything seems to be working well, except the digital signal cannot be decoded by any of my DSTAR Radios, (ID92, ID-51, Kenwood TH-D74) It seems to be working correctly. When in FM mode hear the digital signal, but not decoded. I have spent considerable time adjusting the pot on the GMSK modem board and the Mini DIN all to no change or success.

Any ideas, suggestions, comments, constructive criticism, are all appreciated!

73 de AB4WS

Jack

AB4WS@...

12282. RE: [gmsk_dv_node] DWatcher DSTAR/DXCluster Monitor program posted

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-06-22 17:13:08 UTC
From: Jim Moen
Topic: 12278 Message: 12282
Attachments: 1 described; binary payloads are missing from this source WARC

Bill,

Most ICOM repeater owners install DPlus that does linking to REF reflectors. Increasingly owners are adding additional or replacement software that also supports linking to DCS and XRF reflectors. Examples of the gateway software are g2_link added to an ICOM gateway, or the G4KLX ircDDBGateway or FREE STAR* that replace the ICOM gateway software.

Users of DV Dongles and DVAPs (and now many other devices like DVMEGA) have been able to have their own little gateways to link to REF reflectors, but increasingly these people are using different software that supports linking to all three types of reflectors. So there is actually a lot of REF, DCS and XRF Last Heard traffic coming from home and mobile devices.

For DCS Last Heard, I go to http://xreflector.net/neu3/ -- this site was not designed to be easy to scrape. I look on the left and find the various DCS reflectors, for example, DCS001, then click the User link under that. That gives me Last Heard for traffic on DCS001 (all active modules, from A to Z). There are about 30 DCS reflectors shown on that web site.

XRF reflectors, which use the DExta protocol, are less organized. There are several different reflector software applications that reflector owners use, including the original program written by Scott Lawson KI6LKF; an upgraded version maintained by the FREE STAR* project and Ramesh VA4UV; another version considerably enhanced by Bob W6KD; and a new approach called XLX by Jean-Luc (I forget his callsign right now) which can handle DPlus, DExtra and DCS protocols from the same reflector, and the reflector can be named for any of the 3 protocols.

Bottom line – I personally am not sure how to find the definitive Last Heard site for XRF reflectors, but I go to http://xrefl.net/ and locate an interesting reflector, then look at its Dashboard. Not ideal, for sure.

This is kind of the price we pay for how this currently works. There is no one in control of D-Star 3rd party solutions, which has allowed and continues to allow tremendous creativity, but on the other hand, there is no organizing set of rules either.

With any kind of luck, there are others out there who know more than I do, and they might be able to identify either a site or an open database that functions like http://www.dstarusers.org/lastheard.php and the available functions that can access its underlying database.

Sorry I cannot be of much help here.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, June 15, 2017 9:31 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] DWatcher DSTAR/DXCluster Monitor program posted
Jim, I am not aware of these other data sources you mention (DExtra, DCS, ircDDB) – if you can offer some guidance or point me to online docs about these, I can look in to adding these. There was also a suggestion to add monitoring of DMR usage, which looks like it might be feasible. -73- Bill, AB4EJ

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, June 15, 2017 6:07 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] DWatcher DSTAR/DXCluster Monitor program posted

Bill,

Thanks for posting. Very nice app.

dstarusers.org tracks DPlus (REF) linking activity. Have you considered also monitoring DExtra and DCS linking activity, or at least ircDDB?

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, June 15, 2017 1:08 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] DWatcher DSTAR/DXCluster Monitor program posted

I have written a program (freeware) that runs in MS Windows (versions 7,8,10) which lets you monitor up to 6 callsigns. If & when a call shows up on DSTAR or is spotted in DXCluster network, it will display where & when the call was heard. You can even get an email (or text message) when this happens. See QRZ.com https://forums.qrz.com/index.php?threads/dwatcher-monitor-program-for-dstar-and-dxcluster-posted.569829/.

-73- Bill, AB4EJ

Posted by: ab4ej_2@...

12283. GMSK adjusting in Linux?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-07-31 17:31:09 UTC
From: wd4w.ky@...
Topic: 12283 Message: 12283

I am running free*Star based on Linux.

Does anyone know how I can adjust the gmsk board settings if running linux?

Charles

12284. RE: [gmsk_dv_node] GMSK adjusting in Linux?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-08-02 08:58:17 UTC
From: Jim Moen
Topic: 12283 Message: 12284

It depends on which board you have. Both Satoshi's GMSK modems and GMSK modems based on DUTCH*Star firmware have associated programs that allow setup. For example, DUTCH*Star has a program in the NATools collection called NAWinTEST. That program has a function called Echo Test. You can read about it in Step 4 at

http://www.k6jm.com/hs-setup.htm .

Although a lot of people first configure the board and radio using Windows, you can do it all on Linux. If you are using Linux on a pc architecture machine, you can download the Linux version of NATools from http://www.dutch-star.eu/software/

It you are doing this on a Pi, for example, I can email you NATools for that environment. Let me know if you need that. Satoshi has similar tools for various platforms.

Note that if the board and software can read an incoming RF D-Star transmission, you could instead have your software link to the E module of any REF reflector. This is the Echo module, and anything you transmit into it will be played back to you. Just make a long transmission so during playback, you have time to slowly adjust the TX trim pot until you find the correct setting for correct deviation. I prefer to adjust everything before running the gateway software, but the E module trick will often work too.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Monday, July 31, 2017 10:31 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] GMSK adjusting in Linux?

I am running free*Star based on Linux.

Does anyone know how I can adjust the gmsk board settings if running linux?

Charles

Posted by: wd4w.ky@...

12285. Re: [gmsk_dv_node] Digest Number 2006

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-08-02 16:50:32 UTC
From: G4WXN@digitography.co.uk
Topic: 12285 Message: 12285

Charles

It much depends on the type of GMSK board.
Most have onboard Pots to adjust, rather than through the software.
The only board i know of that adjusts through software is the DVRPTR
board.
Hope that helps.

On Tue, 2017-08-01 at 02:00 +0000, gmsk_dv_node@yahoogroups.com wrote:
> D-STAR GMSK Simplex Nodes and Repeaters Group
> 1 Message Digest #2006
> 1 GMSK adjusting in Linux? by wd4w
> Message
> 1 GMSK adjusting in Linux?
> Mon Jul 31, 2017 10:31 am (PDT) . Posted by: wd4w
> I am running free*Star based on Linux.
>
> Does anyone know how I can adjust the gmsk board settings if running
> linux?
>
>
> Charles
>
>
> Reply to sender . Reply to group . Reply via Web Post . All Messages
> (1) . Top ^
> Questions? Check out our Frequently Asked Questions: http://www.gmsk
> dvnode.info/
> VISIT YOUR GROUP
> • Privacy • Unsubscribe • Terms of Use
--
Derek

G4WXN

MB6BD

http://www.dstar101.com

If you see the candle as flame the meal is already cooked.

12286. RE: [gmsk_dv_node] GMSK adjusting in Linux?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-08-03 18:41:26 UTC
From: wd4w.ky@...
Topic: 12283 Message: 12286

Hello Jim, I tried the commands you sent me in your example but the files won't execute after chmode 755 on all of them.
I know enough about Linux to be dangerous.

This is what happens when I try to run it.....

sudo ./natest -v -F returns:

-bash: ./nacfg: no such file or dierectyory

Is this an ownership problem? It is owned by root.

12287. Unlinking

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-08-20 19:45:59 UTC
From: ic7461@...
Topic: 12287 Message: 12287

Been away from Dstar for a few months using my hot spot DVmega Gmsk modem and find out now after start-up the software connects to REF014C reflector but I cannot disconnect/unlink from it with my 9100. Is there something that happen with reflector linking-unlinking while I was away? Everything looks fine on the radio and software auto connects during start-up.
Todd
AL7PX

12288. Re: Unlinking

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-08-21 19:28:18 UTC
From: ic7461@...
Topic: 12287 Message: 12288

Got it working. Did a partial reset the day before on 9100 which changed DUP offset back to default (.600Khz). Radio needs DUP set but set frequency offset to zero (0.000). Dstar Radio was transmitting on wrong frequency to high power hotspot radio.
Todd
AL7PX

12289. Re: moen board gmsk board firmware

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-10-06 15:07:47 UTC
From: wb4bxo@...
Topic: 12246 Message: 12289

I am having the same issue, want to change from using a PC to using a RPi. I have asked several time on the DUTCH*Star support site but got no answer. How can I get this beta of the software. I have 2 licences for nodes using it, one the MOEN board and would like to update both if possible.

Thanks,
Steve - WB4BXO

12290. Re: moen board gmsk board firmware

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-10-21 23:44:36 UTC
From: rogerk78@...
Topic: 12246 Message: 12290

Hi Jim, i purchased one of your boards a while back and looking to finally use it for the first time using a RPi3 model B. Licence still current etc, just needing an image to get a elevated Hotspot running here at my home QTH with a view to getting something like a local gateway running later down the track.

Thanks in Advance

Roger VK2VRK

12291. Re: moen board gmsk board firmware

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-10-22 09:51:23 UTC
From: m1dns.gb3hb@...
Topic: 12246 Message: 12291

I'd recommend the western D-Star image it has everything and more in it.
Or an alternative would be the pi-star image and config it for use with dstarrepeater.

A.

..... just needing an image to get a elevated Hotspot running here at my home QTH with a view to getting something like a local gateway running

12292. For Sale.

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-10-23 15:28:05 UTC
From: G4WXN@digitography.co.uk
Topic: 12292 Message: 12292

Friends

After much consideration I have decided I am down sizing my DStar activity.

I am offering up the Hotspot MB6BD as a running concern.
It consists of a Raspberry Pi, DVRPTR controller board, and a Yaesu FT7800 transceiver.
I can help you setup if need be.
Can be seen working if required.
I am looking for around 220GBP or best offer.

I am also selling my ID5100 DStar transceiver, bit excess to requirements. If you are interested, or know anyone who may be interested.
I am looking for around 450GBP or best offer.

I will not go totally QRT on DStar, I will continue to run the DVAP and the handheld, frankly that is as much as I need.

Here it is on eBay
http://www.ebay.co.uk/itm/332422795238?ssPageName=STRK%3AMESELX%3AIT&_trksid=p3984.m1555.l2649

--
Derek Haden

07474 548544

01842 813960

001 202 459 4666
--
Derek

G4WXN

MB6BD

http://www.dstar101.com

If you see the candle as flame the meal is already cooked.

12293. RE: [gmsk_dv_node] Re: moen board gmsk board firmware

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-11-27 21:20:31 UTC
From: Jim Moen
Topic: 12246 Message: 12293
Attachments: 1 described; binary payloads are missing from this source WARC

Roger,

I am sorry for the long delay in responding. I have sent you the Beta firmware and instructions.

If your board is running the original (so-called production version) firmware, it will work with appropriate programs like ConDV by DUTCH*Star on both Windows and Linux, as well as on the Pi3.

But most people who decide to use the Pi also load an image that uses G4KXL programs, and those require the later version of firmware, the so-called Beta version. This is stable and really should have been promoted to production a long time ago.

So the issue is the Hotspot program, not the operating system.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, October 21, 2017 4:45 PM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: moen board gmsk board firmware

Hi Jim, i purchased one of your boards a while back and looking to finally use it for the first time using a RPi3 model B. Licence still current etc, just needing an image to get a elevated Hotspot running here at my home QTH with a view to getting something like a local gateway running later down the track.

Thanks in Advance

Roger VK2VRK

12294. RE: [gmsk_dv_node] GMSK adjusting in Linux?

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-11-27 21:37:56 UTC
From: Jim Moen
Topic: 12283 Message: 12294
Attachments: 1 described; binary payloads are missing from this source WARC

Sorry for the delay. This is almost 4 months old, and hopefully you solved this a long time ago.

Using ./xxxx is asking to run the xxxx program or command from the current directory. My guess is your current directory was not where that program was. Permissions of 755 means the owner (root, you say) has read, write and execute privileges. And with your sudo prefix to the command, you are running with root privileges. So I’m guessing it was a matter that your current directory did not contain the program.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Thursday, August 3, 2017 11:41 AM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] GMSK adjusting in Linux?
Hello Jim,
I tried the commands you sent me in your example but the files won't execute after chmode 755 on all of them.
I know enough about Linux to be dangerous.

This is what happens when I try to run it.....

sudo ./natest –v –F returns:
-bash: ./nacfg: no such file or dierectyory

Is this an ownership problem? It is owned by root.

Posted by: wd4w.ky@...

12295. RE: [gmsk_dv_node] Re: moen board gmsk board firmware

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-11-27 21:41:58 UTC
From: Jim Moen
Topic: 12246 Message: 12295

Steve,

Sorry for the long delay in answering. I have emailed you directly with the Beta firmware and instructions.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Friday, October 6, 2017 8:08 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Re: moen board gmsk board firmware

I am having the same issue, want to change from using a PC to using a RPi. I have asked several time on the DUTCH*Star support site but got no answer. How can I get this beta of the software. I have 2 licences for nodes using it, one the MOEN board and would like to update both if possible.

Thanks,

Steve - WB4BXO

12296. RE: [gmsk_dv_node] Re: moen board gmsk board firmware

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-11-29 03:12:41 UTC
From: wb4bxo@...
Topic: 12246 Message: 12296

Jim, What email did you send it too, I have not received anything, not even in the spam folders. If you will please send it to wb4bxo@mindspring.com or steve@m77.us

Thanks,
Steve - WB4BXO

12297. RE: [gmsk_dv_node] Re: moen board gmsk board firmware

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-11-29 09:16:35 UTC
From: Jim Moen
Topic: 12246 Message: 12297

I resent to your second email address. Hopefully that will get through.

Jim – K6JM

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Tuesday, November 28, 2017 7:13 PM
To: gmsk_dv_node@yahoogroups.com
Subject: RE: [gmsk_dv_node] Re: moen board gmsk board firmware

Jim,
What email did you send it too, I have not received anything, not even in the spam folders.
If you will please send it to wb4bxo@mindspring.com or steve@...

Thanks,
Steve - WB4BXO

12298. 6 Channel USB AMBE Transcoder Kickstarter Has Started

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-12-15 05:53:02 UTC
From: eluc69@...
Topic: 12298 Message: 12298

I am pleased to announce the launch of a Kickstarter for a 6 Channel USB AMBE device https ://www.kickstarter.com/projects/985312845/6-channel-usb-ambe-transcoder-for-digital-voice-sy which is compatible with the XLX Reflector System. The XLX system creates reflectors for the DCS, DExtra, and DPLUS systems and also supports integration with DMR.

To transcode AMBE+ (D-STAR) and AMBE+2 (DMR/YSF/dPMR/NXDN/P25-Phase 2/...) requires a hardware solution. This can be accomplished using pairs of ThumbDVs or other USB based AMBE-3000 devices.

Reflector systems may have multiple reflectors (A-Z) that require transcoding simultaneously, which requires multiple streams available and that is where the XCode-3006 comes to the rescue.

The folks behind the XLX system designed a board that can provide up to 6 streams on a single USB port and it is in operation now at XLX950 (XRF950/DCS950/...) which is using the board to cross connect with DMR.

NW Digital Radio is running a Kickstarter to fund an initial build of 50 of these units. 50 units is the minimum production run in order to keep costs down.

This is where you can help:

If you run a reflector, you can obtain a XCode-3006 via a pledge on the Kickstarter at one of two levels.

If you use a reflector, you can help the operator of that reflector by helping them obtain a XCode-3006 via the kickstarter.

If you just like the idea of a six channel AMBE transcoder, and want to help out, there are pledge levels for supporters like you.

This can only happen if we meet the funding goal set for the Kickstarter, and we only have 30 days to reach it.

Having this board available opens the opportunity for other projects such as:

Analog <--> DV Gateways (eg. Allstar, Echolink, ... to your favorite DV system)
DV --> Analog Streaming for online monitoring of DV systems
...

The link to the Kickstarter is:

https://www.kickstarter.com/projects/985312845/6-channel-usb-ambe-transcoder-for-digital-voice-sy https://www.kickstarter.com/projects/985312845/6-channel-usb-ambe-transcoder-for-digital-voice-sy

12299. Star*Board<--->IC208H<----->G4KLX=No callsign data

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-12-30 20:05:35 UTC
From: agroaviation@...
Topic: 12299 Message: 12299

Hello to all. I have set up this radio to work with DSTARRepeater. Audio is flawless, slow text will show up, but, the Callsign data at the beginning of each transmission does not come up.

When I run NAWinTest the callsign is read out loud and it shows on my ID51. However, when connected to DSTAR on any reflector, the callsigns will not show up.

What adjustment do I need to tweak?

73 de TG9AOR

12300. Re: Star*Board<--->IC208H<----->G4KLX=No callsign data

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2017-12-31 12:32:12 UTC
From: kb1pvh@...
Topic: 12299 Message: 12300

What is the TX Delay set at now? I would probably increase it a little at a time to see if that helps.

Dave-KB1PVH

12301. Re: Star*Board<--->IC208H<----->G4KLX=No callsign data

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2018-01-01 03:18:59 UTC
From: Jose Ruiz
Topic: 12299 Message: 12301

I will look into it and get back. I am not at home. Thanks for the reply

12302. Re: Star*Board<--->IC208H<----->G4KLX=No callsign data

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2018-01-02 01:29:29 UTC
From: Jose Ruiz
Topic: 12299 Message: 12302

I set the tx delay as per the documentation contained in the star board manual, (350ms?) I still have not returned home. Do I need to set it to 150ms in both NaWinCFG and DSTARRepeater?
Thanks.

12303. Re: Star*Board<--->IC208H<----->G4KLX=No callsign data

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2018-01-02 17:43:46 UTC
From: kb1pvh@...
Topic: 12299 Message: 12303

You need to do the TX Delay in NaWinCFG. At one point I had a radio that it needed to be 500ms before it displayed properly. I would try adjusting it to a higher number maybe in 50ms steps until it works.

Dave-KB1PVH

12304. Re: Star*Board<--->IC208H<----->G4KLX=No callsign data

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2018-01-03 21:22:04 UTC
From: Jose Ruiz
Topic: 12299 Message: 12304

Thank you very much. I have it at 300 ms right now, on both dstarrepeater and in NaWinCFg. Also noted that the manual said SW2 (3+3) for normal SQL, I had it 2+3 and changed it to 3+3.
Echo Test is successful on NaWinTest, my callsign is read back and all audio 100 percent. I still have to go out and test it on the field. I did this in my shack with a dummy load. This node is to stream audio to a repeater up high in the mountains with no internet on site.
I will test it and get back with results.
Thanks for the advice.

12305. Re: Star*Board<--->IC208H<----->G4KLX=No callsign data

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2018-01-06 13:40:48 UTC
From: Jose Ruiz
Topic: 12299 Message: 12305

Dave, thank you very much for your advice. It resulted in setting 800ms in NAWinCfg and in dstarrepeater in order for it to properly show callsign data.
73 to all.

12306. Star*Board- Operating Systems questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2018-01-06 13:43:45 UTC
From: Jose Ruiz
Topic: 12306 Message: 12306

I could not install NaTools 32 or 64 bit on my windows 10 machine, I wonder if XP was the last windows system to support this.
Can the Star*Board be configured using NaTools under Linux (Raspbian Jessie?)

73 de TG9AOR

12307. Re: [gmsk_dv_node] Re: Star*Board<--->IC208H<----->G4KLX=No callsign data

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2018-01-07 03:55:28 UTC
From: David Webb
Topic: 12299 Message: 12307

Glad it worked for you.

Dave-KB1PVH

On Sat, 1/6/18, Jose Ruiz agroaviation@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:

Subject: [gmsk_dv_node] Re: Star*Board<--->IC208H<----->G4KLX=No callsign data
To: "gmsk_dv_node@yahoogroups.com" <gmsk_dv_node@yahoogroups.com>
Date: Saturday, January 6, 2018, 8:40 AM

Dave, thank you very much for your advice. It
resulted in setting 800ms in NAWinCfg and in dstarrepeater
in order for it to properly show callsign data.
73
to all.

12308. New file uploaded to gmsk_dv_node

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2018-01-20 20:26:05 UTC
From: gmsk_dv_node@yahoogroups.com
Topic: 160 Message: 12308

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the gmsk_dv_node
group.

File : /Thorcom RCL292.zip
Uploaded by : peter@... <peter@...>
Description : Thorcom RCL292 hardware, cable & programming software

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/gmsk_dv_node/files/Thorcom%20RCL292.zip

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

peter@... <peter@...>

12309. Re: New file uploaded to gmsk_dv_node

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2018-01-24 09:55:28 UTC
From: Rob Compton
Topic: 160 Message: 12309

The correct designation is Thorcom RLC292, not RCL
I note that files inside the zip are also incorrect too.

Has someone written some code to make use of them as they're not much use otherwise - unless you have a MDS700 gateway and a network of base stations to use them for their intended purpose.

vy73
Rob
M0ZPU

12310. RE: [gmsk_dv_node] Star*Board- Operating Systems questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2018-01-25 02:05:46 UTC
From: Jim Moen
Topic: 12306 Message: 12310
Attachments: 3 described; binary payloads are missing from this source WARC

I have successfully installed NATools on Windows 7, Windows 8, Windows 8.1 and Windows 10. Starting (I think) with Windows 8.1, it is more difficult to install a program that does not have the Microsoft-blessed “signature”, which is true of NATools.

So for the later versions of Windows, installation is trickier. The process is documented at

http://www.k6jm.com/hs-setupnatoolswin8.htm

Email me directly if you have trouble doing the process documented on the above page.

Jim

From: gmsk_dv_node@yahoogroups.com [mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, January 6, 2018 5:44 AM
To: gmsk_dv_node@yahoogroups.com
Subject: [gmsk_dv_node] Star*Board- Operating Systems questions

I could not install NaTools 32 or 64 bit on my windows 10 machine, I wonder if XP was the last windows system to support this.

Can the Star*Board be configured using NaTools under Linux (Raspbian Jessie?)

73 de TG9AOR

12311. Re: [gmsk_dv_node] Star*Board- Operating Systems questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2018-01-25 02:28:41 UTC
From: Will Wright
Topic: 12306 Message: 12311

I have two Star*Boards for sale. brand new and only loaded the firmware
and never used. First good offer and they go right away.

Will / W4WWM

On 1/24/2018 8:05 PM, 'Jim Moen' jmm@... [gmsk_dv_node] wrote:
>
> I have successfully installed NATools on Windows 7, Windows 8, Windows
> 8.1 and Windows 10. Starting (I think) with Windows 8.1, it is more
> difficult to install a program that does not have the
> Microsoft-blessed “signature”, which is true of NATools.
>
> So for the later versions of Windows, installation is trickier. The
> process is documented at
>
> http://www.k6jm.com/hs-setupnatoolswin8.htm
>
> Email me directly if you have trouble doing the process documented on
> the above page.
>
>   Jim
>
> *From:* gmsk_dv_node@yahoogroups.com
> [mailto:gmsk_dv_node@yahoogroups.com]
> *Sent:* Saturday, January 6, 2018 5:44 AM
> *To:* gmsk_dv_node@yahoogroups.com
> *Subject:* [gmsk_dv_node] Star*Board- Operating Systems questions
>
> I could not install NaTools 32 or 64 bit on my windows 10 machine, I
> wonder if XP was the last windows system to support this.
>
> Can the Star*Board be configured using NaTools under Linux (Raspbian
> Jessie?)
>
> 73 de TG9AOR
>
>

12312. Re: [gmsk_dv_node] Star*Board- Operating Systems questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2018-01-25 02:49:31 UTC
From: Ray Whitehouse
Topic: 12306 Message: 12312

how about $100 for the pair.

Sent from my BlackBerry - the most secure mobile device
From: gmsk_dv_node@yahoogroups.com
Sent: January 24, 2018 9:33 PM
To: gmsk_dv_node@yahoogroups.com
Reply-to: gmsk_dv_node@yahoogroups.com
Subject: Re: [gmsk_dv_node] Star*Board- Operating Systems questions

I have two Star*Boards for sale. brand new and only loaded the firmware and never used. First good offer and they go right away.

Will / W4WWM

On 1/24/2018 8:05 PM, 'Jim Moen' jmm@...<mailto:jmm@...> [gmsk_dv_node] wrote:

I have successfully installed NATools on Windows 7, Windows 8, Windows 8.1 and Windows 10. Starting (I think) with Windows 8.1, it is more difficult to install a program that does not have the Microsoft-blessed “signature”, which is true of NATools.

So for the later versions of Windows, installation is trickier. The process is documented at
http://www.k6jm.com/hs-setupnatoolswin8.htm<https://nam04.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.k6jm.com%2Fhs-setupnatoolswin8.htm&data=02%7C01%7C%7C4ff52471c9d0493e41d608d5639c047d%7C84df9e7fe9f640afb435aaaaaaaaaaaa%7C1%7C0%7C636524444094137893&sdata=Ek9kEhRviTwh%2BoCC9XKHrMk%2Blq67Q1Z6eGduNbtV78Y%3D&reserved=0>

Email me directly if you have trouble doing the process documented on the above page.

Jim

From: gmsk_dv_node@yahoogroups.com<mailto:gmsk_dv_node@yahoogroups.com>
[mailto:gmsk_dv_node@yahoogroups.com]
Sent: Saturday, January 6, 2018 5:44 AM
To: gmsk_dv_node@yahoogroups.com<mailto:gmsk_dv_node@yahoogroups.com>
Subject: [gmsk_dv_node] Star*Board- Operating Systems questions

I could not install NaTools 32 or 64 bit on my windows 10 machine, I wonder if XP was the last windows system to support this.

Can the Star*Board be configured using NaTools under Linux (Raspbian Jessie?)

73 de TG9AOR

12313. Re: Star*Board- Operating Systems questions

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2018-01-27 02:53:40 UTC
From: agroaviation@...
Topic: 12306 Message: 12313

Thanks, Jim. Will read your documentation and will do as instructed if I do not make it.

12315. Al;pha 9600

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2018-03-05 18:01:19 UTC
From: W 6 N I T
Topic: 12315 Message: 12315

Looking at the Alpha 9600, what is a good price?

Ron Collings
W 6 N I T
El Macero, CA

----- Original Message -----
From: ki7iyd@yahoo.com [gmsk_dv_node]
To: gmsk_dv_node@yahoogroups.com
Sent: Monday, March 05, 2018 1:42 AM
Subject: [gmsk_dv_node] Ham Radio Shack clearance sale.....Rigs for sale.

Hi

I am clearing a SK shack on behalf of the XYL.

Here are the equipment remaining after some hamfests....

Icom 7700,ICOM IC 7800
ANAN-100D SDR
Yaesu FTDX 5000
Flex 6500,Flex 6300
Kenwood TS-2000LE, Kenwood TS 990
Ten-Tec Omni VII model 588AT
Ten-Tec Orion II
Alpha 9500
ACOM 2000A, Icom PW1
Ameritron AL-1500,Ameritron AL-82
Commander 2500

More pictures and details over email.... ki7iyd@...

Prices are good enough and willing to ship or meet up in my QTH

KI7IYD
Daniel L White
73

12316. Re: [gmsk_dv_node] Al;pha 9600

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2018-03-05 18:51:18 UTC
From: Neil Gerren
Topic: 12315 Message: 12316

$4K if it's in good condition. $4,400 If immaculate.

-Neil

> On Mar 5, 2018, at 1:01 PM, 'W 6 N I T' w6nit@... [gmsk_dv_node] <gmsk_dv_node@yahoogroups.com> wrote:
>
> □
>
> Looking at the Alpha 9600, what is a good price?
>
> Ron Collings
> W 6 N I T
> El Macero, CA
>
> ----- Original Message -----
> From: ki7iyd@... [gmsk_dv_node]
> To: gmsk_dv_node@yahoogroups.com
> Sent: Monday, March 05, 2018 1:42 AM
> Subject: [gmsk_dv_node] Ham Radio Shack clearance sale.....Rigs for sale.
>
>
> Hi
>
> I am clearing a SK shack on behalf of the XYL.
>
> Here are the equipment remaining after some hamfests....
>
> Icom 7700,ICOM IC 7800
> ANAN-100D SDR
> Yaesu FTDX 5000
> Flex 6500,Flex 6300
> Kenwood TS-2000LE, Kenwood TS 990
> Ten-Tec Omni VII model 588AT
> Ten-Tec Orion II
> Alpha 9500
> ACOM 2000A, Icom PW1
> Ameritron AL-1500,Ameritron AL-82
> Commander 2500
>
> More pictures and details over email.... ki7iyd@...
>
> Prices are good enough and willing to ship or meet up in my QTH
>
>

> KI7IYD
> Daniel L White
> 73
>
>
>
>

12317. BlueDV software & Star*DV hardware

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2018-04-06 01:16:06 UTC
From: Jim Moen
Topic: 12317 Message: 12317

For owners of the Star*DV AMBE 3000 dongle --

SHORT VERSION
The Star*DV has been tested to work with BlueDV software on Windows. So owners of this dongle can use it for Multi-Mode QSOs on their PC or Windows tablet. (I next plan to test it on Android tablets and phones.) I added a webpage to my site that gives more details:
https://www.k6jm.com/hs-setupstardvbluedv.htm

DETAILS
The focus for this group is modems, specifically GMSK modems. We've talked about D-Star software that works with them, including WinDV & ConDV, G4KLX programs like DStarRepeater & ircDDBGateway, Matrix Circuits programs like SDV and StarDV, etc.

There is a new program on the scene called BlueDV, by David PA7LIM. It is well-designed graphical program with versions for Windows, Linux, Android, etc. It was originally written to work with DVMega products. On Android, it can use the phone's BlueTooth to connect to a DVMega/BlueStack. I use this combination when travelling and it works well. See
https://www.k6jm.com/wp/multi-mode-dvmega-access-point/

More recently David has added the ability to also work with AMBE 3000 dongles, including the Star*DV and the NW Digital Radio ThumbDV, or with an AMBE Server with one of these dongles. This adds a lot of options. Don WB5EKU often vacations on cruise ships, where increasingly he has found the fire alarms go off when he uses an HT. So now he uses BlueDV on his tablet with an AMBE 3000 dongle plugged into it. No radio. By the way, BlueDV is multi-mode, meaning you can have D-Star, DMR (Brandmeister or DMR+) or C4FM/Fusion QSOs.

For fun, I recently tested BlueDV on Windows with a Star*DV dongle. It works fine. So if you happen to own a Star*DV AMBE 3000 dongle, you can put it to use for D-Star, DMR or C4FM/Fusion QSOs.

Jim - K6JM

12318. Host files

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2018-04-08 17:54:50 UTC
From: Jim Moen
Topic: 12318 Message: 12318

I added a page to my website about recommended sources for hostfiles. You can see it at
https://www.k6jm.com/hs-hostfiles.htm

This is less of a "how to" page. It doesn't explain for every gateway program (ircDDBGateway, BlueDV, WinDV etc.) how to update that program's hosts files on each platform (Windows, Pi, etc).

But it does document some of the excellent servers that have up to date host file information.

Jim - K6JM

12319. Re: [gmsk_dv_node] Host files

Yahoo group: gmsk_dv_node (2013 — 2018)
Date: 2018-04-18 00:48:39 UTC
From: Carl
Topic: 12318 Message: 12319

Really useful. There are a swirl of xlx reflectors coming and going at present. Latest is dcs477b for HUBNET-UK and manually editing dcshosts.txt as administrator is the only way of getting a dvap on a Windows pc connecting (oddly the pi software keeps itself updated but the windows software is somewhat older.

Sent from Yahoo Mail on Android

On Sun, 8 Apr 2018 at 18:56, 'Jim Moen' jmm@...
[gmsk_dv_node]<gmsk_dv_node@yahoogroups.com> wrote:
I added a page to my website about recommended sources for hostfiles. You
can see it at
https://www.k6jm.com/hs-hostfiles.htm

This is less of a "how to" page. It doesn't explain for every gateway
program (ircDDBGateway, BlueDV, WinDV etc.) how to update that program's
hosts files on each platform (Windows, Pi, etc).

But it does document some of the excellent servers that have up to date host
file information.

Jim - K6JM